

The `limecv` document class*

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1 Introduction

This document class is designed to facilitate easy development of curriculum vitæ (CV). A set of predefined macros and environments are available for most common sections on a CV. These special elements have been designed to ease quick creation. This document class was co-designed with a business card, which can be found on GitHub: <https://github.com/opieters/business-card>.

The design of this CV is split up in three parts, illustrated by fig. 1. Each of these parts that make up this CV template will be detailed in the sections below.

*This document corresponds to `limecv` v0.1.1, dated 2017/09/12.

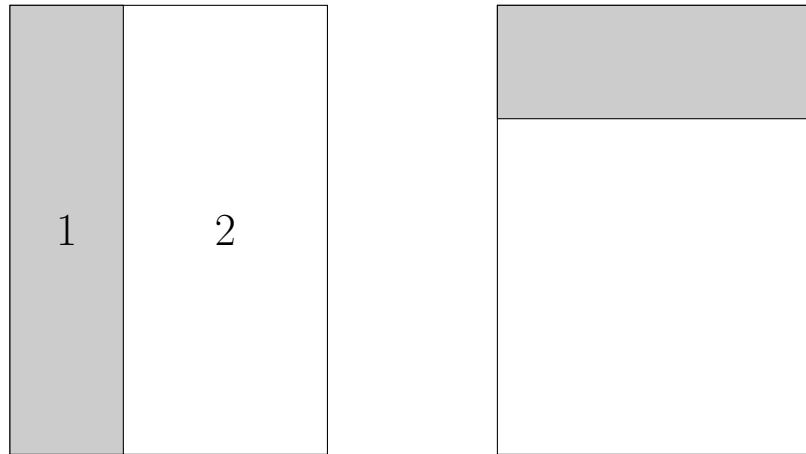


Figure 1: Illustration of a basic template. The image to the left depicts the actual CV: side bar to the left (1) with main content on the right (2). The image to the right depicts the cover letter design.

2 Requirements

It is advised to use the **XeLaTeX** engine. However, there is also support for **LaTeX** and **LuaLaTeX**. In these cases, fonts might be different than intended and side bearings will not be corrected, since only the XeLaTeX engine has access to these. In the subsequent sections, it will always be assumed that the XeLaTeX compiler is used (unless noted otherwise).

Any font can be used, though by default the **Fira**¹ font is used. This should be installed and accessible by the typesetting system. If another font is desired, it can be overwritten using the `sansfont` document class options and `\cvMainFont` command. The mono spaced font can be changed by means of the `monofont` class option.

FontAwesome² is the icon font used. This font should also be available and cannot be replaced by another icon font. Most modern TeX distributions ship with this font since they provide the `fontawesome` package.

3 General Macros and Document Class Options

4 Side Bar

The side bar should contain personal information such as your name, job title (or industry or similar), contact information, small bio, interests and language skills.

¹<https://github.com/mozilla/Fira>

²<http://fontawesome.io>

Special environments and commands have been defined for each of these sections and will be described below.

Everything that should be inside the side bar should be placed in the `cvSideBar` environment. This environment is placed on the left side of the page by default. If it should be typeset on the right side, use the starred version (`cvSideBar*`)

The following environments are available inside the side bar environment: `cvProfile`, `cvContact`, `cvLanguages`, `cvInterests` and `cvProjects`.

`\cvID` This command typesets a picture (in a circle) with name and position underneath it. The argument order is: `\cvID{<first name>}{<last name>}{<picture location>}{<job position>}`. Empty fields are allowed for the third and fourth arguments. No picture and no job position will then be typeset. Example code:

```
1 \cvID{John}{Doe}{profile_picture}{Broker}
```

`cvProfile` This environment contains a brief profile description or biography. No additional arguments are allowed. Example code:

```
1 \begin{cvProfile}
2   A short biography goes here.
3 \end{cvProfile}
```

`cvContact` All the contact information goes here. Inside this environment, the following commands are available:

- `\cvContactAddress` • `\cvContactAddress{<address>}` typesets an address. How this address should be typeset exactly, is left to the user. The use of line breaks (`\\`) is allowed;
- `\cvContactEmail` • `\cvContactEmail{<link>}{<email address>}` typesets an email address. The link variable should be a something like `mailto:john@doe.tld`. Clicking on the email address will then automatically open the default email client with this address as recipient. If the link argument is left empty, no link will be created.
- `\cvContactPhone` • `\cvContactPhone{<mobile phone number>}` typesets a mobile phone number.
- `\cvContactWebsite` • `\cvContactWebsite{<link>}{<website URL>}` typesets a website. The link variable should be a something like `https://johndoe.tld`. Clicking on the website will then automatically open the default web browser. If the link argument is left empty, no action will be performed upon clicking on the website.
- `\cvContactGithub` • `\cvContactGithub{<link>}{<username>}` typesets a GitHub profile. The link variable should be a valid link to the GitHub profile (for example `https://github.com/johndoe`). Clicking on the username will then automatically open the default web browser. If the link argument is left empty, no action will be performed upon clicking on the website.

- `\cvContactLinkedin` • `\cvContactLinkedin{<link>}{<username>}` typesets a LinkedIn profile. The link variable should be a link to your LinkedIn profile homepage (for example <https://www.linkedin.com/in/johndoe/>). Clicking on the username will then automatically open the default web browser. If the link argument is left empty, no action will be performed upon clicking on the website.
- `\cvContactTwitter` • `\cvContactTwitter{<link>}{<username>}` typesets a Twitter profile. The link variable should direct to your Twitter profile. An example link looks as follows: <https://twitter.com/johndoe>. Clicking on the username will then automatically open the default web browser. If the link argument is left empty, no action will be performed upon clicking on the website. this address as recipient. If the link argument is left empty, no link will be created.
- `\cvContactKeybase` • `\cvContactKeybase{<link>}{<fingerprint>}` typesets a Keybase fingerprint (and account). The link variable should be a link to the KeyBase profile (e.g. <https://keybase.io/johndoe>). Clicking on the fingerprint will then automatically open the default web browser. If the link argument is left empty, no action will be performed upon clicking on the website.

A full example:

```

1 \begin{cvContact}
2   \cvContactAddress{Some Street 78\\B-9000 Ghent\\
   Belgium}
3   \cvContactEmail{mailto:john@doe.tld}{john@doe.tld}
4   \cvContactPhone{+1 781 555 1212}
5   \cvContactWebsite{https://doe.tld}{doe.tld}
6   \cvContactGithub{https://github.com/johndoe}{johndoe}
7   \cvContactLinkedin{https://www.linkedin.com/in/johndoe
   /}{johndoe}
8   \cvContactTwitter{https://twitter.com/johndoe}{
   @johndoe}
9   \cvContactKeybase{https://keybase.io/johndoe}{\texttt{
   AAAA 5555 BBBB FFFF}}
10 \end{cvContact}

```

If you wish to add contact information that is not available by default, you can extend the command using two internal commands: `\cv@ContactTemplateLink` and `\cv@ContactTemplate`. See the source code for usage instructions.

`cvLanguages` This environment is used to showcase language skills. The `\cvLanguage{<language>}{<skill level>}` should be used inside this environment. The skill level is a real value with a maximum value of 5. If higher values are used, the result will not be typeset properly. An example is included below.

```

1 \begin{cvLanguages}
2   \cvLanguage{English (native)}{5}
3   \cvLanguage{German (B1)}{3}
4   \cvLanguage{Spanish}{3}
5 \end{cvLanguages}

```

cvInterests Typeset interests (can be both professional and personal) using **cvInterests**. By default it just typesets a list of items in the long format (**long**). The short format can be activated by passing the **short** option to the environment. Inside this environment, three commands can be used: **\cvInterestsPersonal**, **\cvInterestsProfessional** and **\cvInterest**. **\cvInterestsPersonal** and **\cvInterestsProfessional** add optional sections inside this environment to differentiate between personal and professional interests respectively. Both macros have no options nor arguments. The **\cvInterest{<icon>}{<interest>}** command takes an icon and interest as arguments.

Examples that illustrate the different options are depicted below:

```

1 \begin{cvInterests}
2   \cvInterestsPersonal
3   \cvInterest{\faTrain}{model trains}
4   \cvInterest{\faFlask}{(applied) sciences}
5   \cvInterest{\faSuitcase}{travelling}
6   \cvInterestsProfessional
7   \cvInterest{\faGraduationCap}{machine learning}
8   \cvInterest{\faCogs}{robotics}
9 \end{cvInterests}

1 \begin{cvInterests}[short]
2   \cvInterestsPersonal
3   \cvInterest{\faTrain}{model trains}
4   \cvInterest{\faFlask}{(applied) sciences}
5   \cvInterest{\faSuitcase}{travelling}
6   \cvInterest{\faCamera}{photography}
7   \cvInterest{\faGamepad}{gaming}
8   \cvInterest{\faMusic}{music}
9 \end{cvInterests}

```

cvProjects If you have interesting (side) projects that are relevant for your CV, you can list them using the **cvProjects** environment. Inside this environment you can use the **\cvProject[<options>]{<name>}{<description>}** macro to list all your projects. The only options currently allowed in **<options>** are an image (using **image**) and a URL (using **link**). This image must be an external file and the user must handle its size through **width** or **height**. Example usage:

```

1 \begin{cvProjects}
2   \cvProject[image=clock,width=1cm]{yanic}{An IoT nixie
3     clock.}
4   \cvProject{\texttt{limecv}}{A \LaTeX\ document class
5     for curriculum vit\ae.}
6 \end{cvProjects}

```

It is currently not possible to extend the side bar with additional environments. To add your own, look at the source code and create your own L^AT_EX-style hack.

5 Main Content

The main content section includes details on your education, experience, skills, references and more. Several environments have been designed to suit specific needs. These will be discussed next.

cvMainContent Everything in the main content section should be encapsulated in the **cvMainContent** environment. This environment defines four new environments: **cvEducation**, **cvExperience**, **cvSkills** and **cvReferences**. These four environments are self explanatory in terms of functionality. We will detail each of these environments.

Note that **cvMainContent** also has a starred variant (**cvMainContent***). The function is similar to **cvSideBar***, in the sense that it places everything to the left instead of the default right location.

cvEducation The education environment creates a timeline styled list of your education. Individual education items should be listed by means of the `\cvItem{<details>}` macro which is available within this environment. Instead of forcing a specific layout structure, it was preferred to leave the actual mark-up to the end user. *All* information concerning a single education should be passed to this single argument. However, the user is always welcome to create his own styling macro that takes multiple arguments. This is illustrated by the examples below.

Listing 1: **cvEducation** *without* special user mark-up command.

```
1 \begin{cvEducation}
2   \cvItem{Evening class: Chinese\\
3     Some School, City. September 2015 -- June 2016\\
4     Achieved A2 language skill in Chinese (Mandarin).}
5   \cvItem{Bachelor of Science in Biochemistry and
6     Biotechnology\\
7     University, City. September 2009 -- June 2012\\
8     General training in the basic sciences and the
9     molecular life science.}
10  \cvItem{Master of Science in Biochemistry and
11    Biotechnology\\
12    University, City. September 2012 -- June 2015\\
13    Acquisition of insight into and knowledge of
14    possibilities for application in the area
15    of biochemistry and biotechnology, specific with
16    applications in biomedical application
17    and due problem-solving reasoning skills.}
18 \end{cvEducation}
```

Listing 2: **cvEducation** *with* special user mark-up command.

```
1 % in preamble:
2 \newfontfamily\firaMedium{Fira Sans Medium}
3 \NewDocumentCommand{\cvEducation}{mmm}{\firaMedium
4   #1\\ #2\\ \emph{#3}}
```

```

4 % in document:
5 \begin{cvEducation}
6   \cvItem{\cvEducation{Evening class: Chinese}%
7             {Some School, City. September 2015 -- June
8               2016}%
9             {Achieved A2 language skill in Chinese (
10              Mandarin).}}
11  \cvItem{\cvEducation{Bachelor of Science in
12              Biochemistry and Biotechnology}%
13            {University, City. September 2009 -- June
14              2012}%
15            {General training in the basic sciences and
16              the molecular life science.}}
17  \cvItem{\cvEducation{Master of Science in Biochemistry
18              and Biotechnology}%
19            {University, City. September 2012 -- June
20              2015}%
21            {Acquisition of insight into and knowledge
22              of possibilities for application
23              in the area of biochemistry and
24              biotechnology, specific with
25              applications
26              in biomedical application and due problem-
27              solving reasoning skills.}}
28 \end{cvEducation}

```

cvExperience **cvExperience** works very similar to **cvEducation**. It follows the exact same structure and has the same design philosophy where you should use **\cvItem** inside this environment to typeset the individual items in a timeline style. Listing 3 illustrates this with an example.

Listing 3: **cvExperience** code example.

```

1 \begin{cvExperience}
2   \cvItem{Student Job\\
3     \textsc{\selectfont Company X}, Location X. Summer
4       2010\\
5     Integer tincidunt dapibus consectetur. Nullam
6       tristique aliquam luctus. Sed ut ante velit.
7     Nulla pharetra maximus lacus at elementum.
8     Suspendisse sodales consectetur metus, sit amet
9     ultricies ipsum ultrices ut.};
10  \cvItem{Internship\\
11    \textsc{Company Y}, Location Y. June 2012 -- August
12      2012\\
13    Lorem ipsum dolor sit amet, consectetur adipiscing
14      elit. Morbi dictum cursus sapien, id

```

```

10     eleifend mi pellentesque id. Etiam lobortis eu odio
      a sodales. Phasellus ut dolor feugiat,
11     lacinia lectus in, blandit metus. Fusce lacinia
      dolor et metus gravida pulvinar sit amet
12     et ex.};
13 \cvItem{Internship}\
14   \textsc{Company Z}, Location Z. August 2014 --
      September 2014\
15   Lorem ipsum dolor sit amet, consectetur adipiscing
      elit. Morbi dictum cursus sapien, id
16     eleifend mi pellentesque id. Etiam lobortis eu odio
      a sodales. Phasellus ut dolor feugiat,
17     lacinia lectus in, blandit metus. Fusce lacinia
      dolor et metus gravida pulvinar sit amet
18     et ex. Suspendisse vestibulum, leo malesuada
      molestie maximus, sem risus ornare elit, vitae
19     sodales felis elit in ipsum.};
20 \end{cvExperience}

```

cvSkills The skills section is contained within the **cvSkills** environment. This environment typesets your skills on a 5-level (discrete) scale. These are divided into two columns. To that end, two macros are available: **cvSkillOne** and **cvSkillTwo**.

cvSkillTwo `cvSkillTwo{<skill level>}{<skill>}{<skill level>}{<skill>}` typesets a row of two

cvSkillOne skills. If you have an odd number of items, `cvSkillOne{<skill level>}{<skill>}` should be used. An example of a skill-list can be found in listing 4.

Listing 4: Illustration of the **cvSkills** environment.

```

1 \begin{cvSkills}
2   \cvSkillTwo{5}{MATLAB}{5}{\LaTeX}
3   \cvSkillTwo{4}{Python}{4}{VHDL}
4   \cvSkillTwo{4}{Microsoft Office}{4}{macOS}
5   \cvSkillOne{3}{C, C++}
6 \end{cvSkills}

```

cvReferences The final section is intended to list all your references. These go inside the **cvReferences** environment. The enumeration of the different items

\cvAddReference should be done using the `\cvAddReference{<information>}` macro. The following keys are available: **name**, **company**, **job**, **address line 1**, **address line 2**, **address line 3**, **mobile phone**, **work phone** and **email**. These are all optional arguments and will be typeset consistently between the two references per row. When adding two references, the left one should be specified first using `\cvAddReference*`. This will store the values and typeset them when adding the second reference through `\cvAddReference`. Note that `\cvAddReference` should be used if only one reference needs to be typeset. Listing 5 illustrates the usage of this environment.

Important remark: the comment after the usage of `\cvAddReference` is required! Otherwise, spacing will not be as intended.

Listing 5: cvReferences code example.

```

1 \begin{cvReferences}
2   \cvAddReference{%
3     name=Jane Smith,
4     company=Company ABC Co.\ Ltd.,
5     job=Job title,
6     address line 1=Street lane 2,
7     address line 2=B-1150 Brussels,
8     mobile phone=+1 781 555 1212}% <-- Important!!!
9 \end{cvReferences}

```

6 Cover Letter

A final (optional) part of a CV is the cover letter. This is a fairly simple part to create design wise, but probably the hardest to write in an actual CV.

cvCoverLetter The cover letter environment is **cvCoverLetter** and contains all the cover letter details. It will automatically add a header with your name and position based on the information filled in in **\cvID**.

\cvBeneficiary The **\cvBeneficiary{<options>}** macro offers a convenience wrapper to typeset the beneficiary. Possible options are **name**, **position**, **company**, **address line 1**, **address line 2** and **address line 3**. The remainder of the cover letter design is up to the user. An example design can be found in listing 6.

\cvFullName **\cvFullName** typeset the authors name based on the data provided in **cvID**.

Listing 6: cvCoverLetter code example.

```

1 \section{Cover Letter}
2
3 \begin{cvCoverLetter}
4
5 \cvBeneficiary{%
6   name=Jane Smith,
7   position=Position,
8   company=Company,
9   address line 1=Address line 1,
10  address line 2=Address line 2}
11
12 Dear Miss.\ Smith
13
14 \vspace{\baselineskip}
15 \lipsum[1-3]
16 \vspace{\margin}
17
18 \cvFullName
19
20 \end{cvCoverLetter}

```

7 Change Style and Layout

To change the style, one can redefine the colours, lengths and TikZ styles used throughout the document class.

By default the following colours are defined:

- `cvGreen` default dark green colour (hex value: `357F2D`)
- `cvGreenLight` light green colour, for larger shapes and backgrounds (hex value: `B8E4B3`)
- `cvDark` default text colour (hex value: `2F3142`)
- `cvRed` currently not used (hex value: `7F2D35`)
- `cvAccent` lighter grey shade for accented text (hex value: `474A65`)

To change these, use the code from listing 7 in the preamble:

Listing 7: Colour editing.

```
1 \definecolor{cvDark}{HTML}{000000}
```

By overwriting the following styles, one can change the appearance of multiple TikZ nodes. The following styles are available.

- `interesticon`
- `interesttext`
- `eventdottext`
- `invisibletimedot`
- `timedot`
- `eventdot`
- `contactIcon`
- `contactText`
- `headerIcon`
- `skillLevel`
- `languageText`
- `skillText`
- `progressArea`
- `progressBar`
- `sectionTitle`

- `sectionEduText`

Adding your own styles is easy with the code from listing 8.

Listing 8: Change TikZ style.

```

1 \tikzset{
2   interesticon/.style = {},
3 }
```

Spacing used inside the document can also be modified by the user. The following lengths have been defined:

- `\cvColSep` Distance between columns of `cvSkills`. Default value: 1cm.
- `\cvNodeSep` Not used currently. Default value: 0.75cm.
- `\cvTimeDotDiameter` Size of the dots in a timeline. Default value: 3pt.
- `\cvMargin` Margin around the entire page. Default value: 1cm.
- `\cvSideWidth` Width of the side bar. Default value: $0.3\text{paperwidth}-\text{cvMargin}$.
- `\cvMainWidth` Width of the main content section. Default value: $\text{paperwidth}-4\text{cvMargin}-\text{cvSideWidth}$.
- `\cvTimeDotSep` Distance between timeline dot and text. Default value: 0.4cm.
- `\cvStartEndSep` Not used. Default value: 0.3cm.
- `\cvItemSep` Distance between `cvItem` entries. Default value: 0.4cm.
- `\cvTableSepWidth` Distance between two columns of `cvReferences` environment. Default value: 0.3cm.
- `\cvCoverLetterHeight` Height of the coloured bar at the top of the cover letter. Default value: `\cvSideWidth`.
- `\cvCoverLetterWidth` Width of the cover letter text. This can be used to improve to layout. Default value: $\text{cvMainWidth}+3\text{cvMargin}$.
- `\cvPictureWidth` Diameter of the profile picture. Default value: 4cm.
- `\cvProgressAreaWidth` Length of a progress bar for the languages section. Default value: 5em.
- `\cvProgressAreaHeight` Height of a progress bar for the languages section. Default value: 0.75em.
- `\cvSectionSep` Distance between sections of the main content section. Default value: 0.6cm.
- `\cvSectionSBSep` Distance between sections of the side bar section. Default value: 4pt.

- `\cvTitleLineWidth` Line width of horizontal line below section title. Default value: `2pt`.
- `\cvTitleLineSpacing` Distance from bottom of the titles of the main content section to the horizontal centre of line. Default value: `0.1cm`.
- `\cv@projectSep` Internal length. Automatically set to `\cvItemSep`.
- `\cvProjectDetailsSep` Internal spacing between details of a single project. Default value: `0.2cm`.
- `\cvInterestDetailsSep` Distance between items in case the `long` options is used for the `cvInterests` environment. Default value: `4pt`.
- `\cvContactItemSep` Distance between items in the `cvContact` environment. Default value: `5pt`.
- `\cvCoverLetterLineWidth` Line width of line below cover letter name. Default value: `3pt`.
- `\cvCoverLetterPositionSpacing` Distance between name and position in the cover letter. Default value: `10pt`.
- `\cvSBSectionLineWidth` Line width of left and right lines next to the titles of in the side bar. Default value: `1pt`.
- `\cvCoverLetterLineSpacing` Distance between name and line below it in the cover letter. Default value: `0pt`.
- `\cvIDNameSep` Distance between first and last name. Default value: `0.1cm`.
- `\cvPositionSep` Distance before and after the position. Default value: `0.5cm`.
- `\cvSkillSep` Distance between skills. Default value: `1ex`.
- `\cvHeaderIconWidth` Automatically set, currently has no visible effect on document. Default value: `0pt`.

The fonts can also be changed, either by using the `sansfont` and `monofont` class options, or by using the default ways provided by L^AT_EX, XeLaTeX and LuaLaTeX. Note that the `fontspec` package is already loaded by the class, so you can directly use `\setmainfont` in the preamble if you are using the XeLaTeX or LuaLaTeX engine.

8 Example

The source code of a typical CV document can be found in the examples folder. Figures 2 and 3 depict the resulting PDF documents.



Education

- Evening class: Chinese
Some School, City. September 2015 – June 2016
Achieved A2 language skill in Chinese (Mandarin).
- Bachelor of Science in Biochemistry and Biotechnology
University, City. September 2009 – June 2012
General training in the basic sciences and the molecular life science.
- Master of Science in Biochemistry and Biotechnology
University, City. September 2012 – June 2015
Acquisition of insight into and knowledge of possibilities for application in the area of biochemistry and biotechnology, specific with applications in biomedical application and due problem-solving reasoning skills.

Experience

- Student Job
COMPANY X, Location X. Summer 2010
Integer tincidunt dapibus consectetur. Nullam tristique aliquam luctus. Sed ut ante velit. Nulla pharetra maximus lacus at elementum. Suspendisse sodales consectetur metus, sit amet ultricies ipsum ultrices ut.
- Internship
COMPANY Y, Location Y. June 2012 – August 2012
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi dictum cursus sapien, id eleifend mi pellentesque id. Etiam lobortis eu odio a sodales. Phasellus ut dolor feugiat, lacinia lectus in, blandit metus. Fusce lacinia dolor et metus gravida pulvinar sit amet et ex.
- Internship
COMPANY Z, Location Z. August 2014 – September 2014
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Morbi dictum cursus sapien, id eleifend mi pellentesque id. Etiam lobortis eu odio a sodales. Phasellus ut dolor feugiat, lacinia lectus in, blandit metus. Fusce lacinia dolor et metus gravida pulvinar sit amet et ex. Suspendisse vestibulum, leo malesuada molestie maximus, sem risus ornare elit, vitae sodales felis elit in ipsum.

Skills

●●●●●	MATLAB	●●●●●	LaTeX
●●●●○	Python	●●●●○	VHDL
●●●●○	Microsoft Office	●●●●○	macOS
●●●○○	C, C++	●○○○○	Javascript
●●●○○	HTML5/CSS	●●●○○	Bash

References

Jane Smith
Company ABC Co. Ltd.
Job title
Street lane 2
B-1150 Brussels
+1 781 555 1212

Figure 2: Example CV (scaled).



September 13, 2017

JANE SMITH
Company
Position
Address line 1
Address line 2

Dear Miss. Smith

Lorem ipsum dolor sit amet, consectetur adipiscing elit. Ut purus elit, vestibulum ut, placerat ac, adipiscing vitae, felis. Curabitur dictum gravida mauris. Nam arcu libero, nonummy eget, consectetur id, vulputate a, magna. Donec vehicula augue eu neque. Pellentesque habitant morbi tristique senectus et netus et malesuada fames ac turpis egestas. Mauris ut leo. Cras viverra metus rhoncus sem. Nulla et lectus vestibulum urna fringilla ultrices. Phasellus eu tellus sit amet tortor gravida placerat. Integer sapien est, iaculis in, pretium quis, viverra ac, nunc. Praesent eget sem vel leo ultrices bibendum. Aenean faucibus. Morbi dolor nulla, malesuada eu, pulvinar at, mollis ac, nulla. Curabitur auctor semper nulla. Donec varius orci eget risus. Duis nibh mi, congue eu, accumsan eleifend, sagittis quis, diam. Duis eget orci sit amet orci dignissim rutrum.

Nam dui ligula, fringilla a, euismod sodales, sollicitudin vel, wisi. Morbi auctor lorem non justo. Nam lacus libero, pretium at, lobortis vitae, ultricies et, tellus. Donec aliquet, tortor sed accumsan bibendum, erat ligula aliquet magna, vitae ornare odio metus a mi. Morbi ac orci et nisl hendrerit mollis. Suspendisse ut massa. Cras nec ante. Pellentesque a nulla. Cum sociis natoque penatibus et magnis dis parturient montes, nascetur ridiculus mus. Aliquam tincidunt urna. Nulla ullamcorper vestibulum turpis. Pellentesque cursus luctus mauris.

Nulla malesuada porttitor diam. Donec felis erat, congue non, volutpat at, tincidunt tristique, libero. Vivamus viverra fermentum felis. Donec nonummy pellentesque ante. Phasellus adipiscing semper elit. Proin fermentum massa ac quam. Sed diam turpis, molestie vitae, placerat a, molestie nec, leo. Maecenas lacinia. Nam ipsum ligula, eleifend at, accumsan nec, suscipit a, ipsum. Morbi blandit ligula feugiat magna. Nunc eleifend consequat lorem. Sed lacinia nulla vitae enim. Pellentesque tincidunt purus vel magna. Integer non enim. Praesent euismod nunc eu purus. Donec bibendum quam in tellus. Nullam cursus pulvinar lectus. Donec et mi. Nam vulputate metus eu enim. Vestibulum pellentesque felis eu massa.

John Doe

Figure 3: Example cover letter (scaled). Figure not included.

9 Implementation

limecv.cls

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A (Xe/Lua)LaTeX document class

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This work has the LPPL maintenance status ‘maintained’.

The Current Maintainer of this work is Olivier Pieters. Contact the maintainer at: me (at) olivierpieters (dot) be.

Include minimal required packages

process key-value class options

```
1 \RequirePackage{kvoptions}
```

Process options of this class.

```
2 \DeclareBoolOption[false]{print}
```

```
3 \newif\ifcv@fontPath
```

```
4 \cv@fontPathfalse
```

```
5 \DeclareStringOption{path}
```

```
6 \AddToKeyvalOption*{path}{\cv@fontPathtrue}
```

```
7 \DeclareStringOption[Fira Sans]{sansfont}
```

```
8 \DeclareStringOption[Fira Mono]{monofont}
```

```
9 \ProcessKeyvalOptions*
```

Process general class options

pass document options to article class, which forms base of this document class

```
10 \DeclareOption*{%
```

```
11   \PassOptionsToClass{\CurrentOption}{article}%
```

```
12 }
```

```
13 \ProcessOptions\relax
```

```
14 \LoadClass{article}
```

Include required packages

check if XeTeX is used

```
15 \RequirePackage{ifxetex}
```

check if LuaTeX is used

```
16 \RequirePackage{ifluatex}
```

Advanced command definitions

```
17 \RequirePackage{xparse}
```

complex length calculations

```
18 \RequirePackage{calc}
```

colour options

```
19 \RequirePackage{xcolor}
```

advanced table options

```
20 \RequirePackage{tabularx}
```

links

```
21 \RequirePackage{hyperref}
```

```
22 \RequirePackage{url}
```

remove paragraph indent

```
23 \RequirePackage{parskip}
```

string operations

```
24 \RequirePackage{xstring}
```

key-value parsing within document

```
25 \RequirePackage{xkeyval}
```

Define colours

```
26 \definecolor{cvGreen}{HTML}{357F2D}
```

```
27 \definecolor{cvGreenLight}{HTML}{b8e4b3}
```

```
28 \definecolor{cvRed}{HTML}{7f2d35}
```

```
29 \definecolor{cvDark}{HTML}{2F3142}
```

```
30 \definecolor{cvAccent}{HTML}{474A65}
```

Define new table column types with fixed width.

```
31 \newcolumntype{L}[1]{>\raggedright\let\newline\\%
```

```
32 \arraybackslash\hspace{0pt}}m{#1}}
```

```
33 \newcolumntype{C}[1]{>\centering\let\newline\\%
```

```
34 \arraybackslash\hspace{0pt}}m{#1}}
```

```
35 \newcolumntype{R}[1]{>\raggedleft\let\newline\\%
```

```
36 \arraybackslash\hspace{0pt}}m{#1}}
```

Misc and helper commands

Add comma in a cvReference entry.

```
37 \NewDocumentCommand{\cvComma}{}{,}
```

Define check if argument is empty argument order: {argument}{if empty}{if not empty}

Based on: <http://tex.stackexchange.com/questions/63223>

```
38 \ExplSyntaxOn
```

```
39 \DeclareExpandableDocumentCommand{\@IfNoValueOrEmptyTF}{%  
40 {mmm}{\IfNoValueTF{#1}{#2}{  
41 \tl_if_empty:nTF {#1} {#2} {#3}%  
42 }  
43 }  
44 \ExplSyntaxOff
```


`\ifnodedefined` Check if node is defined. Based on: <https://tex.stackexchange.com/questions/37709>

```
45 \long\def\ifnodedefined#1#2#3{%
46   \@ifundefined{pgf@sh@ns@#1}{#3}{#2}%
47 }
```

Update global font colour

```
48 \NewDocumentCommand{\globalcolor}{m}{%
49   \color{#1}\global\let\default@color\current@color
50 }
51 \AtBeginDocument{\globalcolor{cvDark}}
```

TikZ

```
52 \RequirePackage{tikz}
53 \RequirePackage{graphicx}
54 \usetikzlibrary{%
55   calc,
56   positioning,
57   fit,
58   arrows.meta,
59   backgrounds,
60   matrix}
61 \tikzset{
62   interesticon/.style = {},
63   interesttext/.style = {},
64   eventdottext/.style = {},
65   invisibletimedot/.style = {},
66   timedot/.style = {},
67   contactIcon/.style={},
68   contactText/.style={},
69   headerIcon/.style={},
70   skillLevel/.style={},
71   languageText/.style={},
72   skillText/.style={},
73   progressArea/.style={},
74   progressBar/.style={},
75   sectionTitle/.style={},
76   sectionEduText/.style={%
77     eventdottext,
78     anchor=north west
79   },
80   cv@interesticon/.style = {%
81     minimum width=\cvHeaderIconWidth,
82     interesticon
83   },
84   cv@interesttext/.style = {%
85     interesttext,
86   },
```

```

87 cv@eventdottext/.style = {%
88     text width=\cvMainWidth-\cvTimeDotSep,
89     black,
90     anchor=north west,
91     eventdottext,
92 },
93 cv@invisibletimedot/.style = {%
94     circle,
95     minimum width=\cvTimeDotDiameter,
96     anchor=center,
97     invisibletimedot,
98 },
99 cv@timedot/.style = {%
100     cv@invisibletimedot,
101     draw,
102     fill,
103     black,
104     timedot,
105 },
106 cv@contactIcon/.style={%
107     minimum height=\baselineskip,
108     contactIcon,
109 },
110 cv@contactText/.style={%
111     minimum height=\baselineskip,
112     text depth=0pt,
113     contactText,
114 },
115 cv@headerIcon/.style={%
116     minimum width=\cvHeaderIconWidth,
117     anchor=center,
118     headerIcon,
119 },
120 cv@skillLevel/.style={skillLevel,},
121 cv@languageText/.style={languageText,},
122 cv@skillText/.style={skillText,},
123 cv@progressArea/.style={%
124     minimum width=\cvProgressAreaWidth,
125     minimum height=\cvProgressAreaHeight,
126     rectangle,
127     draw,
128     cvGreen,
129     progressArea
130 },
131 cv@progressBar/.style={%
132     minimum height=\cvProgressAreaHeight,
133     rectangle,
134     draw,
135     fill,
136     cvGreen,

```

```

137     anchor=west,
138     progressBar
139 },
140 cv@sectionTitle/.style={%
141     anchor=north west,
142     align=left,
143     sectionTitle,
144 },
145 cv@sectionEduText/.style={%
146     cv@eventdottext,
147     anchor=north west,
148     sectionEduText,
149 },
150 }

```

XeLaTeX/LuaLaTeX specific

```

151 \NewDocumentCommand{\cv@loadFonts}{}{
152   \RequirePackage{fontspec}
153   \RequirePackage{fontawesome}

  set fonts
154   \setmainfont[Numbers={Monospaced}]{\limecv@sansfont}
155   \setsansfont{\limecv@sansfont}
156   \setmonofont{\limecv@monofont}
157   \ifcv@fontPath
158     \newfontfamily{\cv@FA}[Path=\limecv@path]{
159       FontAwesome}
160   \else
161     \newfontfamily{\cv@FA}{FontAwesome}
162   \fi

  define some missing icons
163   \ProvideDocumentCommand{\faAddressCard}{}{
164     \symbol{"F2B9}}
165   \ProvideDocumentCommand{\faVcard}{}{
166     \symbol{"F2BB}}
167   \ProvideDocumentCommand{\faMicrochip}{}{
168     \symbol{"F2DB}}

  future possibility: https://raw.githubusercontent.com/xdanau/moderncv/master/moderncviconsmarvosym.sty
169 }
170 \ifxetex
171   \cv@loadFonts
172 \else
173   \ifluatex
174     \cv@loadFonts
175   \else
176     \RequirePackage{fontawesome}
177     \RenewDocumentCommand{\familydefault}{}{

```

```

178 \fi
179 \fi

```

XeLaTeX/LuaLaTeX specific

Removes left/right side bearing of character

Based on: <https://tex.stackexchange.com/questions/274479> <https://tex.stackexchange.com/questions/>

```

180 \ifxetex
181 \NewDocumentCommand{\kright}{m}{\leavevmode #1%
182 \kern-\XeTeXglyphbounds3 \the\XeTeXcharglyph'#1 }
183 \NewDocumentCommand{\kleft}{m}{\leavevmode %
184 \kern-\XeTeXglyphbounds1 \the\XeTeXcharglyph'#1 #1}
185 \else
186 \NewDocumentCommand{\kright}{m}{#1}
187 \NewDocumentCommand{\kleft}{m}{#1}
188 \fi

```

Extracts n-th charcter from a string Argument order: string - character number

```

189 \ExplSyntaxOn
190 \DeclareExpandableDocumentCommand{\extract}{mm}{%
191 \tl_item:nn { #1 } { #2 }%
192 }
193 \ExplSyntaxOff

```

Page layout

remove page numbers

```

194 %% \pagenumbering{gobble}

```

remove all page styling

```

195 \pagestyle{empty}

```

not used

```

196 \newlength\cvColSep

```

```

197 \setlength\cvColSep{1cm} % 2 times column separation!

```

not used

```

198 \newlength\cvNodeSep

```

```

199 \setlength\cvNodeSep{0.75cm}

```

```

200 \newlength\cvTimeDotDiameter

```

```

201 \setlength\cvTimeDotDiameter{3pt}

```

```

202 \newlength\cvMargin

```

```

203 \setlength\cvMargin{1cm}

```

```

204 \newlength\cvSideWidth

```

```

205 \setlength\cvSideWidth{0.3\paperwidth-\cvMargin}

```

```

206 \newlength\cvMainWidth

```

```

207 \setlength\cvMainWidth{\paperwidth-4\cvMargin-\cvSideWidth}

```

```

208 \newlength\cvTimeDotSep

```

```

209 \setlength\cvTimeDotSep{0.4cm}

```

```

210 \newlength\cvStartEndSep

```

```

211 \setlength\cvStartEndSep{0.3cm}

```

```

212 \newlength\cvItemSep
213 \setlength\cvItemSep{0.4cm}
214 \newlength\cvTableSepWidth
215 \setlength\cvTableSepWidth{0.3cm}
216 \newlength\cvCoverLetterHeight
217 \setlength\cvCoverLetterHeight{\cvSideWidth}
218 \newlength\cvCoverLetterWidth
219 \setlength\cvCoverLetterWidth{\cvMainWidth+3\cvMargin}
220 \newlength\cvPictureWidth
221 \setlength\cvPictureWidth{4cm}

    progress area size definition
222 \newlength\cvProgressAreaWidth
223 \setlength\cvProgressAreaWidth{5em}
224 \newlength\cvProgressAreaHeight
225 \setlength\cvProgressAreaHeight{0.75em}
226 \newlength\cvSectionSep
227 \setlength\cvSectionSep{0.6cm}
228 \newlength\cvSectionSBSep
229 \setlength\cvSectionSBSep{4pt}

    line width of horizontal line below section title
230 \newlength\cvTitleLineWidth
231 \setlength\cvTitleLineWidth{2pt}

    distance from bottom of text to centre of line
232 \newlength\cvTitleLineSpacing
233 \setlength\cvTitleLineSpacing{0.1cm}

    set to \cvItemSep by default (do not overwrite!)
234 \newlength\cv@projectSep
235 \setlength\cv@projectSep{0cm}

    internal spacing between details of a single project
236 \newlength\cvProjectDetailsSep
237 \setlength\cvProjectDetailsSep{0.2cm}
238 \newlength\cvInterestDetailsSep
239 \setlength\cvInterestDetailsSep{4pt}
240 \newlength\cvContactItemSep
241 \setlength\cvContactItemSep{5pt}

    line width of line below cover letter name
242 \newlength\cvCoverLetterLineWidth
243 \setlength\cvCoverLetterLineWidth{3pt}
244 \newlength\cvCoverLetterPositionSpacing
245 \setlength\cvCoverLetterPositionSpacing{10pt}
246 \newlength\cvSBSectionLineWidth
247 \setlength\cvSBSectionLineWidth{1pt}
248 \newlength\cvCoverLetterLineSpacing
249 \setlength\cvCoverLetterLineSpacing{0pt}
250 \newlength\cvIDNameSep
251 \setlength\cvIDNameSep{0.1cm}

```

```

252 \newlength\cvPositionSep
253 \setlength\cvPositionSep{0.5cm}
254 \newlength\cvSkillSep
255 \setlength\cvSkillSep{1ex}
256 \newlength\cvHeaderIconWidth
257 \setlength\cvHeaderIconWidth{0pt}

```

New styling commands

Style main section title

```

258 \NewDocumentCommand{\cvSection}{m}{\Large\textbf{#1}}

```

Typeset skill level

```

259 \newcount\my@repeat@count
260 \NewDocumentCommand{\cvSkill}{m}{%
261   \begingroup
262   \my@repeat@count=\z@
263   \@whilenum\my@repeat@count<#1\do{\faCircle\advance%
264     \my@repeat@count\@ne}%
265   \my@repeat@count=\numexpr5-\z@\relax
266   \@whilenum\my@repeat@count>#1\do{\faCircle0\advance%
267     \my@repeat@count\m@ne}%
268   \endgroup
269 }

```

Create horizontal line from edge to edge for side bar section titles.

Based on: <https://tex.stackexchange.com/questions/65731> Alternative: <https://tex.stackexchange.com>

```

270 \NewDocumentCommand{\cvhrulefill}{-}{\color{cvGreen}%
271 \leavevmode\leaders\hrule height \cvSBSectionLineWidth\hfill\kern\z@}%
272 \NewDocumentCommand{\ruleline}{m}{\par\noindent\raisebox{.6ex}{%
273 \makebox[\linewidth]{\cvhrulefill\hspace{1ex}}%
274 \raisebox{-.6ex}{#1}\hspace{1ex}\cvhrulefill}}}

```

Title counters

```

275 \newcounter{cv@titlePrev}
276 \setcounter{cv@titlePrev}{0}
277 \newcounter{cv@titleNext}
278 \setcounter{cv@titleNext}{1}

```

Draw everything associated with main section title.

```

279 \NewDocumentCommand{\cv@Title}{mm}{%
280   \ifnodedefined{cv@last item \the\value{cv@lastItem}}{%
281     \setlength\cvHeaderIconWidth{\maxof{\cvHeaderIconWidth}{\widthof{\Large #2}}}%
282     \protected@write\@auxout{}{\global\cvHeaderIconWidth=\the\cvHeaderIconWidth}
283     \node[%
284       below=\cvSectionSep of cv@last item %
285       \the\value{cv@lastItem}.south west,
286       cv@sectionTitle]
287       (cv@title \the\value{cv@titleNext})
288       {\begingroup\edef\y{\endgroup%
289         \cvSection\bggroup\noexpand\kleft{%

```

```

290         \extract{#1}{1}}}%
291         \y\StrGobbleLeft{#1}{1}\egroup};
292     \node[%
293         left=\cvTimeDotSep of cv@title \the\value{cv@titleNext},
294         cv@headerIcon]
295     {#2};
296     \node[
297         below=\cvSectionSep of cv@last item %
298         \the\value{cv@lastItem}.south west,
299         cv@sectionTitle]
300     (cv@title \the\value{cv@titleNext} dummy) {%
301         \phantom{\cvSection{Education}}};
302     \begin{scope}[on background layer]
303         \draw[line width=\cvTitleLineWidth,cvGreen]
304             let \p1=(cv@title \the\value{cv@titleNext} %
305                 dummy.south west),
306                 \p2=(current page.east) in
307             (\x1,\y1-\cvTitleLineSpacing) to (\x2,\y1-\cvTitleLineSpacing);
308     \end{scope}
309 }{%
310     \node[cv@sectionTitle] at (0,0) (cv@title %
311         \the\value{cv@titleNext})
312     {\begingroup\edef\y{\endgroup%
313         \cvSection\bgroup\noexpand\kleft{\extract{#1}{1}}}%
314         \y\StrGobbleLeft{#1}{1}\egroup};
315     \node[%
316         left=\cvTimeDotSep of cv@title \the\value{cv@titleNext},
317         cv@headerIcon]
318     {#2};
319     \begin{scope}[on background layer]
320         \draw[line width=\cvTitleLineWidth,cvGreen]
321             let \p1=(cv@title \the\value{cv@titleNext}%
322                 .south west),
323                 \p2=(current page.east) in
324             (\x1,\y1-\cvTitleLineSpacing) to (\x2,\y1-\cvTitleLineSpacing);
325     \end{scope}
326 }%
327 \stepcounter{cv@titlePrev}%
328 \stepcounter{cv@titleNext}
329 }

Draw the timeline
330 \NewDocumentCommand{\cv@EndSectionDraw}{*}{
331     \draw (start) to (end.center);}

Item counters
332 \newcounter{cv@itemPrev}
333 \setcounter{cv@itemPrev}{0}
334 \newcounter{cv@itemNext}
335 \setcounter{cv@itemNext}{1}
336 \newcounter{cv@lastItem}

```

```

337 \setcounter{cv@lastItem}{1}

List a timeline entry

338 \NewDocumentCommand{\cv@definecvItem}{-}{
339   \NewDocumentCommand{\cvItem}{m}{%
340     \ifnodedefined{item \the\value{cv@itemPrev}}{%
341       \node[%
342         below=\cvItemSep of item %
343           \the\value{cv@itemPrev}.south west,
344           cv@eventdottext]
345         (item \the\value{cv@itemNext} header)
346         {\phantom{Evening}};
347       \node[%
348         below=\cvItemSep of item %
349           \the\value{cv@itemPrev}.south west,
350           cv@sectionEduText]
351         (item \the\value{cv@itemNext})
352         {##1};
353       \node[%
354         left=\cvTimeDotSep of item %
355           \the\value{cv@itemNext} header,
356           cv@timedot]
357         {};
358     }{
359       \node[%
360         below=\cvItemSep of cv@title %
361           \the\value{cv@titlePrev}.south west,
362           cv@eventdottext]
363         (item \the\value{cv@itemNext} header)
364         {\phantom{Evening}};
365       \node[
366         below=\cvItemSep of cv@title %
367           \the\value{cv@titlePrev}.south west,
368           cv@sectionEduText]
369         (item \the\value{cv@itemNext})
370         {##1};
371       \node[
372         left=\cvTimeDotSep of item %
373           \the\value{cv@itemNext} header,
374           cv@timedot]
375         (start)
376         {};
377     }
378     \node[
379       left=\cvTimeDotSep of item %
380         \the\value{cv@itemNext}.south west,
381         cv@invisibletimedot]
382       (end)
383       {};
384     \stepcounter{cv@itemPrev}

```



```

423 \begin{tikzpicture}[%
424     every node/.style={
425         inner sep=0pt,
426         outer sep=0pt},
427     remember picture,
428     overlay,
429     shift={($(current page.north west)+%
430         (\cvMargin+\cvTimeDotSep,-\cvMargin)$)}]
431 }{%
432 \end{tikzpicture}%
433 }



---



cvEducation environment

434 \NewDocumentEnvironment{cvEducation}{}{%
435     \cv@Title{Education}{\faGraduationCap}

insures uniqueness

436     \stepcounter{cv@itemPrev}
437     \stepcounter{cv@itemNext}
438     \cv@definecvItem
439 }{%
440     \cv@EndSectionDraw
441     \stepcounter{cv@lastItem}
442     \draw (item \the\value{cv@itemPrev}.south west)
443         node (cv@last item \the\value{cv@lastItem}) {};
444 }



---



cvExperience environment

445 \NewDocumentEnvironment{cvExperience}{}{%
446     \cv@Title{Experience}{\faBriefcase}

insures uniqueness

447     \stepcounter{cv@itemPrev}
448     \stepcounter{cv@itemNext}
449     \cv@definecvItem
450 }{%
451     \cv@EndSectionDraw
452     \stepcounter{cv@lastItem}
453     \draw (item \the\value{cv@itemPrev}.south west)
454         node (cv@last item \the\value{cv@lastItem}) {};
455 }



---



cvSkills environment

456 \NewDocumentEnvironment{cvSkills}{}{%
457     \cv@Title{Skills}{\faStar}
458     \global\cv@firstskilltrue
459 }{%

```

```

460 \node[
461     below=\cvSectionSep of cv@title \the\value{cv@titlePrev}%
462     .south west,
463     anchor=north west] (skills) %
464     {\begin{tabular}{@{}ll@{\hskip\cvColSep}ll@{}}%
465     \cv@skillsTable
466     \end{tabular}};
467 \stepcounter{cv@lastItem}
468 \draw (skills.south west) node %
469     (cv@last item \the\value{cv@lastItem}) {};
470 }

```

cvReferences environment

```

471 \NewDocumentEnvironment{cvReferences}{}{%
472     \cv@Title{References}{\faLink}
473     \node[
474         below=\cvSectionSep of cv@title \the\value{cv@titlePrev}.%
475         south west,
476         anchor=north west,
477         ] (cv@References) \bgroup %
478     }{%
479         \egroup;
480         \stepcounter{cv@lastItem}
481         \draw (cv@References.south west) node %
482             (cv@last item \the\value{cv@lastItem}) {};
483     }

```

Key-value parsing structure

```

484 \pgfkeys{/@cv/references/.is family,
485           /@cv/references/.unknown/.style = %
486           {\pgfkeyscurrentpath/\pgfkeyscurrentname/%
487           .initial = #1}}
488 \newif\ifcv@refName
489 \pgfkeys{/@cv/references/name/.is if=cv@refName}
490 \pgfkeys{/@cv/references/name=false}
491 \newif\ifcv@refPosition
492 \pgfkeys{/@cv/references/position/.is if=cv@refPosition}
493 \pgfkeys{/@cv/references/position=false}
494 \newif\ifcv@refCompany
495 \pgfkeys{/@cv/references/company/.is if=cv@refCompany}
496 \pgfkeys{/@cv/references/copmany=false}
497 \newif\ifcv@refAddressLineA
498 \pgfkeys{/@cv/references/address line 1/.is if=%
499     cv@refAddressLineA}
500 \pgfkeys{/@cv/references/address line 1=false}
501 \newif\ifcv@refAddressLineB
502 \pgfkeys{/@cv/references/address line 2/.is if=%
503     cv@refAddressLineB}
504 \pgfkeys{/@cv/references/address line 2=false}

```

```

505 \newif\ifcv@refAddressLineC
506 \pgfkeys{/@cv/references/address line 3/.is if=}
507   cv@refAddressLineC}
508 \pgfkeys{/@cv/references/address line 3=false}
509 \newif\ifcv@refWorkPhone
510 \pgfkeys{/@cv/references/work phone/.is if=}
511   cv@refWorkPhone}
512 \pgfkeys{/@cv/references/work phone=false}
513 \newif\ifcv@refMobilePhone
514 \pgfkeys{/@cv/references/mobile phone/.is if=}
515   cv@refMobilePhone}
516 \pgfkeys{/@cv/references/mobile phone=false}
517 \newif\ifcv@refStored
518 \pgfkeys{/@cv/references/value stored/.is if=}
519   cv@refStored}
520 \pgfkeys{/@cv/references/value stored=false}

  keys

521 \define@key{cvAddReferenceA}{name}{%
522   \global\def\cv@refAName{#1}%
523   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/name = true}}}

524 \define@key{cvAddReferenceA}{company}{%
525   \global\def\cv@refACompany{#1}%
526   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/company = true}}}

527 \define@key{cvAddReferenceA}{position}{%
528   \global\def\cv@refAPosition{#1}%
529   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/position = true}}}

530 \define@key{cvAddReferenceA}{address line 1}{%
531   \global\def\cv@refAAddressLineA{#1}%
532   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/address line 1 = true}}}

533 \define@key{cvAddReferenceA}{address line 2}{%
534   \global\def\cv@refAAddressLineB{#1}%
535   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/address line 2 = true}}}

536 \define@key{cvAddReferenceA}{address line 3}{%
537   \global\def\cv@refAAddressLineC{#1}%
538   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/address line 3 = true}}}

539 \define@key{cvAddReferenceA}{phone work}{%
540   \global\def\cv@refAPhoneWork{#1}%
541   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/phone work = true}}}

542 \define@key{cvAddReferenceA}{mobile phone}{%
543   \global\def\cv@refAMobilePhone{#1}%
544   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/mobile phone = true}}}

545 \define@key{cvAddReferenceB}{name}{%
546   \global\def\cv@refBName{#1}%
547   \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/name = true}}}

548 \define@key{cvAddReferenceB}{company}{%

```

```

549 \global\def\cv@refBCompany{#1}%
550 \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/company = true}}

551 \define@key{cvAddReferenceB}{position}{%
552 \global\def\cv@refBPosition{#1}%
553 \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/position = true}}}

554 \define@key{cvAddReferenceB}{address line 1}{%
555 \global\def\cv@refBAddressLineA{#1}%
556 \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/address line 1 = true}}}

557 \define@key{cvAddReferenceB}{address line 2}{%
558 \global\def\cv@refBAddressLineB{#1}%
559 \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/address line 2 = true}}}

560 \define@key{cvAddReferenceB}{address line 3}{%
561 \global\def\cv@refBAddressLineC{#1}%
562 \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/address line 3 = true}}}

563 \define@key{cvAddReferenceB}{phone work}{%
564 \global\def\cv@refBPhoneWork{#1}%
565 \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/phone work = true}}}

566 \define@key{cvAddReferenceB}{mobile phone}{%
567 \global\def\cv@refBMobilePhone{#1}%
568 \@IfNoValueOrEmptyTF{#1}{\pgfkeys{/@cv/references/mobile phone = true}}}
569 \NewDocumentCommand{\cvAddReference}{sm}{%
570 \IfBooleanTF{#1}{%
571 \setkeys{cvAddReferenceA}{name=,company=,
572 position=,address line 1=,address line 2=,
573 address line 3=,phone work=,mobile phone=,#2}
574 \pgfkeys{/@cv/references/name = true}%
575 }{%
576 \setkeys{cvAddReferenceB}{name=,company=,
577 position=,address line 1=,address line 2=,
578 address line 3=,phone work=,mobile phone=,#2}
579 \ifcv@refStored%
580 \begin{tabular}{@{}L{0.5\cvMainWidth-0.5\cvTimeDotSep%
581 -0.5\cvTableSepWidth}@{\hskip \cvTableSepWidth}%
582 L{0.5\cvMainWidth-0.5\cvTimeDotSep%
583 -0.5\cvTableSepWidth}@{}%
584 \ifcv@refName & \cv@refAName & \cv@refBName & \fi %
585 \ifcv@refCompany & \cv@refACompany & \cv@refBCompany & \fi %
586 \ifcv@refPosition & \cv@refAPosition & \cv@refBPosition & \fi %
587 \ifcv@refAddressLineA & \cv@refAAddressLineA & \cv@refBAddressLineA & \fi %
588 \ifcv@refAddressLineB & \cv@refAAddressLineB & \cv@refBAddressLineB & \fi %
589 \ifcv@refAddressLineC & \cv@refAAddressLineC & \cv@refBAddressLineC & \fi %
590 \ifcv@refWorkPhone & \cv@refAPhoneWork & \cv@refBPhoneWork & \fi %
591 \ifcv@refMobilePhone & \cv@refAMobilePhone & \cv@refBMobilePhone & \fi %
592 \end{tabular}%
593 \pgfkeys{/@cv/references/value stored = false}%
594 \else%
595 \begin{tabular}{@{}L{0.5\cvMainWidth%

```

```

596         -0.5\cvTimeDotSep}@{} }%
597         \ifcv@refName           \cv@refBName           \fi %
598         \ifcv@refCompany        \ \cv@refBCompany       \fi %
599         \ifcv@refPosition       \ \cv@refBPosition      \fi %
600         \ifcv@refAddressLineA   \ \cv@refBAddressLineA \fi %
601         \ifcv@refAddressLineB   \ \cv@refBAddressLineB \fi %
602         \ifcv@refAddressLineC   \ \cv@refBAddressLineC \fi %
603         \ifcv@refWorkPhone      \ \cv@refBPhoneWork     \fi %
604         \ifcv@refMobilePhone    \ \cv@refBMobilePhone    \fi %
605     \end{tabular}%
606     \fi%
607 }%
608 }

```

cvSideBar environment

```

609 \NewDocumentEnvironment{cvSideBar}{}{ }%
610     \vspace*{\fill}
611     \vspace*{-0.5\cvMargin}
612     \begin{tikzpicture}[remember picture,overlay]
613         \fill[cvGreenLight] (current page.north west) rectangle %
614             ++(\cvSideWidth+2\cvMargin,-\paperheight);
615     \end{tikzpicture}%
616     \begin{minipage}{\cvSideWidth}
617         \begin{center}
618 }%
619         \end{center}
620     \end{minipage}
621     \vspace*{\fill}
622 }
623 \NewDocumentEnvironment{cvSideBar*}{}{ }%
624     \vspace*{\fill}
625     \vspace*{-0.5\cvMargin}
626     \begin{tikzpicture}[remember picture,overlay]
627         \fill[cvGreenLight] (current page.north east) rectangle %
628             ++(-\cvSideWidth-2\cvMargin,-\paperheight);
629     \end{tikzpicture}%
630     \begin{minipage}{\cvSideWidth}
631         \begin{center}
632 }%
633         \end{center}
634     \end{minipage}
635     \vspace*{\fill}
636 }

```

cvProfile environment

```

637 \NewDocumentEnvironment{cvProfile}{}{ }%
638     \vspace{\cvSectionSBSep}
639     \ruleline{Profile}

```

```

640 }{%
641 }



---


cvContact environment
642 \NewDocumentCommand{\cv@ContactTemplate}{mm}{
643   \NewDocumentCommand{#1}{m}{
644     \ifcv@contactfirst \\\ \else %
645       \global\cv@contactfirsttrue \fi\node[cv@contactIcon]{#2};
646       \pgfmatrixnextcell \node[cv@contactText]{##1};
647   }
648 }
649 \NewDocumentCommand{\cv@ContactTemplateLink}{mm}{
650   \NewDocumentCommand{#1}{mm}{
651     \ifcv@contactfirst \\\ \else %
652       \global\cv@contactfirsttrue \fi\node[cv@contactIcon]{#2};
653       \pgfmatrixnextcell \node[cv@contactText]{%
654         \@IfNoValueOrEmptyTF{##1}{##2}{\href{##1}{##2}}};
655   }
656 }
657 \newif\ifcv@contactfirst
658 \NewDocumentEnvironment{cvContact}{}{%
659   \vspace{\cvSectionSBSep}
660   \ruleline{Contact}%
661   \vspace{\cvSectionSBSep}
662
663   \global\cv@contactfirstfalse
664   \cv@ContactTemplate{\cvContactAddress}{\faMapMarker}
665   \cv@ContactTemplate{\cvContactPhone}{\faPhone}
666
667   \cv@ContactTemplateLink{\cvContactEmail}{\faEnvelope}
668   \cv@ContactTemplateLink{\cvContactWebsite}{\faGlobe}
669   \cv@ContactTemplateLink{\cvContactGithub}{\faGithub}
670   \cv@ContactTemplateLink{\cvContactLinkedin}{\faLinkedinSquare}
671   \cv@ContactTemplateLink{\cvContactTwitter}{\faTwitter}
672   \cv@ContactTemplateLink{\cvContactKeybase}{\faKey}
673   \begin{tikzpicture}[%
674     every node/.style={inner sep=0pt, outer sep=0pt}]
675     \matrix [
676       column 1/.style={anchor=center},
677       column 2/.style={anchor=west,align=left},
678       column sep=\cvContactItemSep,
679       row sep=\cvContactItemSep,
680       inner sep=0pt,
681       outer sep=0pt] (contact) \bgroup
682 }{%
683   \\\egroup; % \\\ required, does not compile otherwise
684   \end{tikzpicture}%
685 }

```

cvInterests environment

```

686 \newif\ifcv@interestLong
687 \cv@interestLongtrue
688 \newcounter{cv@cvInterestCounter}
689 \setcounter{cv@cvInterestCounter}{1}
690 \newcounter{cv@cvInterestCounterPrev}
691 \setcounter{cv@cvInterestCounterPrev}{0}
692 \newif\ifcv@interestContent
693 \cv@interestContentfalse
694 \NewDocumentCommand{\cv@TypesetTableRows}{-}{-}
695 \newif\ifcv@interesttikzopen
696 \cv@interesttikzopenfalse
697 \NewDocumentCommand{\cv@interestClose}{-}{-}
698   \ifcv@interestLong
699     \ifcv@interesttikzopen
700       \end{tikzpicture}
701       \global\cv@interesttikzopenfalse
702     \fi
703   \else
704     \ifcv@interestContent
705       \begin{tabular}{@{}cl@{}}
706         \cv@TypesetTableRows
707       \end{tabular}
708     \fi
709   \fi
710 }
711 \NewDocumentCommand{\cv@interestOpen}{-}{-}
712   \ifcv@interestLong
713     \ifcv@interesttikzopen
714       \else
715         \cv@interesttikzopentrue
716         \begin{tikzpicture}[%
717           every node/.style={inner sep=0cm,outer sep=0cm}]
718         \fi
719       \else
720         \global\def\cv@TypesetTableRows{}
721         \global\cv@interestContentfalse
722       \fi
723   }
724 \NewDocumentCommand{\cv@definecv@interestSection}{-}{-}
725 \NewDocumentCommand{\cv@interestSection}{m}{-}
726   \cv@interestClose\
727   \ifcv@interestContent
728     \vspace*{2\cvSectionSBSep}
729   \fi
730   {\color{cvGreen}---} ##1 {\color{cvGreen}---}\
731   \vspace*{\cvSectionSBSep}
732   \cv@interestOpen
733 }

```



```

734 }
735 \NewDocumentCommand{\cv@definecvInterestLong}{-}{-}{
736   \NewDocumentCommand{\cvInterest}{mm}{%
737     \ifcv@interestContent %
738       \node[
739         below=\cvItemSep of cv@interest text \the\value{cv@cvInterestCounterPrev},
740         cv@interesticon]
741         (cv@interest icon \the\value{cv@cvInterestCounter}) {##1};
742       \node[
743         below=\cvInterestDetailsSep of cv@interest icon \the\value{cv@cvInterestCounter},
744         cv@interesttext]
745         (cv@interest text \the\value{cv@cvInterestCounter}) {##2};
746     \else
747       \cv@interestOpen
748       \node[cv@interesticon] (cv@interest icon \the\value{cv@cvInterestCounter}) {##1};
749       \node[
750         below=\cvInterestDetailsSep of cv@interest icon \the\value{cv@cvInterestCounter},
751         cv@interesttext]
752         (cv@interest text \the\value{cv@cvInterestCounter}) {##2};
753     \fi
754     \stepcounter{cv@cvInterestCounter}
755     \stepcounter{cv@cvInterestCounterPrev}
756     \global\cv@interestContenttrue
757   }
758 }
759 \NewDocumentCommand{\cv@definecvInterestShort}{-}{-}{
760   \def\Z{\vphantom{\parbox[c]{1cm}{\Huge Something Long}}}
761   \NewDocumentCommand{\cvInterest}{mm}{%
762     parse optional argument if present
763     \g@addto@macro\cv@TypesetTableRows{##1}%
764     \g@addto@macro\cv@TypesetTableRows{&}%
765     \g@addto@macro\cv@TypesetTableRows{##2}%
766     \g@addto@macro\cv@TypesetTableRows{\[\cvInterestDetailsSep]}%
767     \global\cv@interestContenttrue
768   }
769   \ExplSyntaxOn
770   \NewDocumentEnvironment{cvInterests}{o}{%
771     set defaults
772     \cv@interestLongtrue
773     parse optional arguments
774     \IfNoValueOrEmptyTF{#1}{-}{%
775       \str_case:nnF {#1}{
776         {long}{\cv@interestLongtrue}
777         {short}{\cv@interestLongfalse}

```

```

777     }{\ClassError{limecv}{Unkown option ‘#1’ for cvInterests %
778         environment.}{Only ‘long’ and ‘short’ are valid options %
779         for this environment.}}
780 }
781
782 \cv@definecv@interestSection
783     define new commands
784 \NewDocumentCommand{\cvInterestsPersonal}{}{%
785     \cv@interestSection{\faUser\ \emph{Personal}}}
786 \NewDocumentCommand{\cvInterestsProfessional}{}{%
787     \cv@interestSection{\faBriefcase\ \emph{Professional}}}
788 \ifcv@interestLong
789     \cv@definecvInterestLong
790 \else
791     \cv@definecvInterestShort
792 \fi
793 %%%
794 \vspace{\cvSectionSBSep}
795 \ruleline{Interests}%
796 \vspace{\cvSectionSBSep}
797 }{\%
798 \cv@interestClose
799 }
800 \ExplSyntaxOff

```

cvProject environment

```

800 \newif\ifcv@projectImage
801 \cv@projectImagefalse
802 \newif\ifcv@projectLink
803 \cv@projectLinkfalse
804 \newif\ifcv@projectWidth
805 \cv@projectWidthfalse
806 \newif\ifcv@projectHeight
807 \cv@projectHeightfalse
808 \newcounter{cv@projectCurrent}
809 \setcounter{cv@projectCurrent}{1}
810 \newcounter{cv@projectPrevious}
811 \setcounter{cv@projectPrevious}{0}
812 \define@key{cv@Project}{image}{%
813     \global\def\cv@projectImage{#1}%
814     \cv@projectImagetrue}
815 \define@key{cv@Project}{link}{%
816     \global\def\cv@projectLink{#1}%
817     \cv@projectLinktrue}
818 \define@key{cv@Project}{width}{%
819     \global\def\cv@projectWidth{#1}%
820     \cv@projectWidthtrue}

```

```

821 \define@key{cv@Project}{height}{%
822   \global\def\cv@projectHeight{#1}%
823   \cv@projectHeighttrue}
824 \NewDocumentCommand{\cv@definecvProject}{-}{%
825   \NewDocumentCommand{\cvProject}{-omm}{%

    default settings
826     \cv@projectImagefalse
827     \cv@projectLinkfalse
828     \cv@projectWidthfalse
829     \cv@projectHeightfalse

    parse optional arguments
830     \@IfNoValueOrEmptyTF{##1}{-}{\setkeys{cv@Project}{##1}}
831     \ifnodedefined{project \the\value{cv@projectPrevious} %
832       description}{-}{%
833       \node (project \the\value{cv@projectPrevious} %
834         description) {};}
835   }

    draw image
836     \ifcv@projectImage
837       \ifcv@projectWidth
838         \node[below=\cv@projectSep of project %
839           \the\value{cv@projectPrevious} description]
840           (project \the\value{cv@projectCurrent} image)
841           {\includegraphics[width=\cv@projectWidth]{\cv@projectImage}};
842       \else
843         \ifcv@projectHeight
844           \node[below=\cv@projectSep of project %
845             \the\value{cv@projectPrevious} description]
846             (project \the\value{cv@projectCurrent} image)
847             {\includegraphics[height=\cv@projectHeight]{\cv@projectImage}};
848         \else
849           \ClassError{limecv}{No width or height specified, %
850             but image specified.}{Always specify the height or %
851             width if an image is set.}
852         \fi
853       \fi

    draw title (and add href if specified)
854     \node[%
855       text width=\cvSideWidth,
856       align=center,
857       below=\cvProjectDetailsSep of project \the\value{cv@projectCurrent} image]
858       (project \the\value{cv@projectCurrent} title) {%
859       \ifcv@projectLink \href{\cv@projectLink}{##2} \else ##2 \fi };
860     \else

    draw title (and add href if specified)
861     \node[below=\cv@projectSep of project %
862       \the\value{cv@projectPrevious} description,

```

```

863         text width=\cvSideWidth,
864         align=center]
865         (project \the\value{cv@projectCurrent} title) {%
866         \ifcv@projectLink \href{\cv@projectLink}{##2} \else ##2 \fi };
867     \fi
868     \node[
869     below=\cvProjectDetailsSep of project \the\value{cv@projectCurrent} title,
870     text width=\cvSideWidth,
871     align=center]
872     (project \the\value{cv@projectCurrent} description) {##3};
873
874     \setlength\cv@projectSep\cvItemSep
875     increase counter value
876     \stepcounter{cv@projectCurrent}
877     \stepcounter{cv@projectPrevious}
878 }
879 }
880 \NewDocumentEnvironment{cvProjects}{}{%
881     \vspace{\cvSectionSBSep}
882     \ruleline{Projects}%
883     \vspace{\cvSectionSBSep}
884     \cv@definecvProject
885     \begin{tikzpicture}[every node/.style={inner sep=0cm,outer sep=0cm}]
886     \end{tikzpicture}
887 }

```

cvLanguages environment

```

888 \newcounter{cv@languages}
889 \setcounter{cv@languages}{1}
890 \pgfkeys{/@cv/languages/.is family,
891 /@cv/languages/.unknown/.style = {%
892     \pgfkeyscurrentpath/\pgfkeyscurrentname/.initial = #1}}
893 \NewDocumentEnvironment{cvLanguages}{}{%
894     \NewDocumentCommand{\cvLanguage}{mm}{%
895         {\globaldefs=1\relax\pgfkeys{%
896             /@cv/languages/lang\the\value{cv@languages} = ##2}}
897         \node[cv@languageText]{##1}; \pgfmatrixnextcell %
898         \node[cv@progressArea] (cv@language \the\value{cv@languages}) {}; \\
899         \stepcounter{cv@languages}
900     }%
901     \vspace{\cvSectionSBSep}
902     \ruleline{Languages}%
903     \vspace{\cvSectionSBSep}
904     \begin{tikzpicture}[%
905         every node/.style={text depth=0pt,inner sep=0pt,outer sep=0pt}]
906     \matrix [
907         column 1/.style={anchor=east},

```

```

908     column sep=1.5\cvSectionSBSep,
909     row sep=1.5\cvSectionSBSep,
910     column 2/.style={anchor=west,align=left}
911 ] (contact) \bgroup
912 }{%
913   \\egroup;
914   \newcounter{cv@languagelevel}
915   \setcounter{cv@languagelevel}{1}
916   \loop\ifnum\value{cv@languagelevel}<\value{cv@languages}
917     \draw (cv@language \the\value{cv@languagelevel}.west) %
918       node[%
919         cv@progressBar,
920         minimum width=\pgfkeysvalueof{%
921           /cv/languages/lang\the\value{cv@languagelevel}}em]%
922         {});
923     \stepcounter{cv@languagelevel}
924   \repeat
925   \end{tikzpicture}
926 }

```

cvCoverLetter environment
cover letter keys

```

927 \define@key{cvCoverLetter}{name}{%

```

```

\cv@coverletterName

```

```

928 \global\def\cv@coverletterName{#1}}

```

```

929 \define@key{cvCoverLetter}{company}{%

```

```

\cv@coverletterCompany

```

```

930 \global\def\cv@coverletterCompany{#1}}

```

```

931 \define@key{cvCoverLetter}{position}{%

```

```

\cv@coverletterPosition

```

```

932 \global\def\cv@coverletterPosition{#1}}

```

```

933 \define@key{cvCoverLetter}{address line 1}{%

```

```

\cv@coverletterAddressLineA

```

```

934 \global\def\cv@coverletterAddressLineA{#1}}

```

```

935 \define@key{cvCoverLetter}{address line 2}{%

```

```

\cv@coverletterAddressLineB

```

```

936 \global\def\cv@coverletterAddressLineB{#1}}

```

```

937 \define@key{cvCoverLetter}{address line 3}{%

```

\cv@coverletterAddressLineC

```

938 \global\def\cv@coverletterAddressLineC{#1}
939 \NewDocumentCommand{\cv@definecvBeneficiary}{-}{
940   \NewDocumentCommand{\cvBeneficiary}{m}{%
941     \setkeys{cvCoverLetter}{name={},company={},
942       position={},address line 1={},address line 2={},
943       address line 3={},##1}
944     \begin{tabular}{@{}l}
945       \@IfNoValueOrEmptyTF{%
946         \cv@coverletterName}{-}{%
947           \MakeUppercase{\cv@coverletterName}} %
948       \@IfNoValueOrEmptyTF{%
949         \cv@coverletterCompany}{-}{\\ %
950         \cv@coverletterCompany} %
951       \@IfNoValueOrEmptyTF{%
952         \cv@coverletterPosition}{-}{\\ %
953         \cv@coverletterPosition} %
954       \@IfNoValueOrEmptyTF{%
955         \cv@coverletterAddressLineA}{-}{\\ %
956         \cv@coverletterAddressLineA} %
957       \@IfNoValueOrEmptyTF{%
958         \cv@coverletterAddressLineB}{-}{\\ %
959         \cv@coverletterAddressLineB} %
960       \@IfNoValueOrEmptyTF{%
961         \cv@coverletterAddressLineC}{-}{\\ %
962         \cv@coverletterAddressLineC} %
963     \end{tabular}%
964     \vspace{\cvMargin}
965   }
966 }

967 \NewDocumentCommand{\cv@definecvFullName}{-}{
968   \NewDocumentCommand{\cvFullName}{-}{%
969     \pgfkeysvalueof{/cv/info/first name} %
970     \pgfkeysvalueof{/cv/info/last name}
971   }
972 }

973 \NewDocumentEnvironment{cvCoverLetter}{-}{%
974   \begin{tikzpicture}[%
975     remember picture,
976     overlay,
977     every node/.style={inner sep=0cm,outer sep=0cm}]

draw green background

978   \begin{scope}[on background layer]
979     \fill[cvGreenLight] (current page.north west) rectangle %
980       ++(\paperwidth,-\cvCoverLetterHeight);
981   \end{scope}
982   \draw (current page.north east) %
983     ++(-0.5\paperwidth+0.5\cvCoverLetterWidth,

```

```

984         -\cvCoverLetterHeight/2) node (cv@h7) {};
985     \node[anchor=east] at (cv@h7) (cv cover letter name){%
986         \fontsize{50}{60}\selectfont

trick to expand argument such that 'kleft' sees an alphabetic constant (i.e. a single
letter)

987     \begingroup\edef\y{\endgroup%
988         \noexpand\kleft{\cv@FirstNameLetter}}}%
989     \y
990     \StrGobbleLeft{\pgfkeysvalueof{/@cv/info/first name}}{1}\space
991     \StrGobbleRight{\pgfkeysvalueof{/@cv/info/last name}}{1}

same trick to expand argument such that 'kleft' sees an alphabetic constant
(i.e. a single letter)

992     \begingroup\edef\y{\endgroup%
993         \noexpand\kright{\cv@LastNameLetter}}}%
994     \y
995     };
996     \node[%
997         align=right,
998         cvAccent,
999         below=\cvCoverLetterPositionSpacing of cv cover letter name.south east,
1000        anchor=north east]{%
1001        \StrGobbleRight{\pgfkeysvalueof{/@cv/info/position}}{1}
1002        \begingroup\edef\y{\endgroup%
1003            \noexpand\kright{\cv@PositionLetter}}}%
1004        \y};
1005
1006    \begin{scope}[on background layer]
1007        \draw[line width=\cvCoverLetterLineWidth,cvGreen]
1008            ($(cv cover letter name.south west)+(0,-\cvCoverLetterLineSpacing)$) to
1009            ($(cv cover letter name.south east)+(0,-\cvCoverLetterLineSpacing)$);
1010    \end{scope}
1011    \end{tikzpicture}
1012    \vspace{\dimexpr\cvCoverLetterHeight\relax}
1013
1014    \begin{center}
1015        \begin{minipage}{\cvCoverLetterWidth}
1016            \today
1017
1018            \vspace{\baselineskip}
1019            \cv@definecvBeneficiary
1020            \cv@definecvFullName
1021        }\%
1022    \end{minipage}
1023    \end{center}
1024 }

```

cvID macro

1025 \pgfkeys{/@cv/info/.is family,

```

1026         /@cv/info/.unknown/.style = %
1027         {\pgfkeyscurrentpath/\pgfkeyscurrentname/%
1028         .initial = #1}}

    first name, second name, picture, position
1029 \NewDocumentCommand{\cvID}{\mmmm}{
1030   \@IfNoValueOrEmptyTF{#3}{}{
1031     \begin{tikzpicture}
1032       \node[
1033         circle,
1034         text=white,
1035         minimum size=\cvPictureWidth,
1036         path picture={
1037           \node at (path picture bounding box.center){
1038             \includegraphics[width=\cvPictureWidth]{#3}
1039           };
1040         }]
1041         {};
1042     \end{tikzpicture}}\
1043   }
1044   {\LARGE
1045   #1
1046   \vspace{\cvIDNameSep}
1047   #2}
1048
1049   \vspace{\cvPositionSep}
1050
1051   \@IfNoValueOrEmptyTF{#4}{}{\color{cvAccent} #4}
1052
1053   \vspace{\cvPositionSep}
1054   {\globaldefs=1\relax\pgfkeys{/@cv/info/first name = %
1055     #1}\def\cv@FirstNameLetter{\extract{#1}{1}}}
1056   {\globaldefs=1\relax\pgfkeys{/@cv/info/last name = %
1057     #2}\def\cv@LastNameLetter{\extract{#2}{-1}}}
1058   {\globaldefs=1\relax\pgfkeys{/@cv/info/position = %
1059     #4}\def\cv@PositionLetter{\extract{#4}{-1}}}
1060 }

```