# Day 03: LATEX Templates (CV and Beamer)



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- ► Adapted from https://www.learnlatex.org/.
  - ▶ Day 1 learnlatex.org lessons 1-6 (Done!)
  - ▶ Day 2 learnlatex.org lessons 7-12 (Done!)
  - ► Day 3 LaTeX templates (CV/resume, beamer presentations).
- ► Slides Available https://github.com/mdelrosa/latex-101.
  - ► Template based on Clara Pavillet's Oxford Template
- Slack back channel
  - ▶ UC Davis Slack channel



Outline

Templates

 $\mathrm{CV}/\mathrm{Resume}$  Template

Beamer Template



## Templates

Browsing for templates, uploading projects

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- ▶ Writing documents from scratch is time-consuming, difficult.
- Instead, use templates!

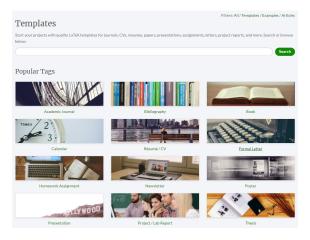


Figure 1: Template categories on Overleaf.

For academic journals, some official templates are available.



Figure 2: Academic journal templates on Overleaf.

Can also upload a LATEX project as a .zip file

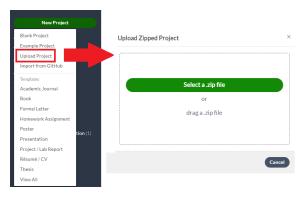


Figure 3: "New Project"  $\rightarrow$  "Upload project".

# CV/Resume Template

Today, we'll work through a few templates.

- 1. Go to https://github.com/mdelrosa/latex101/releases
- 2. Find the latest release
- 3. Download CV.zip and davis\_beamer\_template.zip



Figure 4: .zip files for today's exercises.

### Let's check out the CV project!

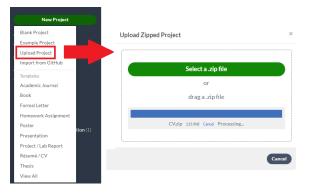
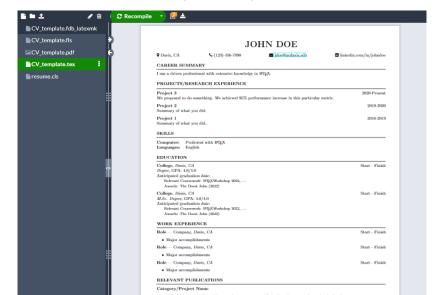


Figure 5: Uploading our CV project.

Project includes multiple files (.tex, .cls)



.cls files define custom document classes.

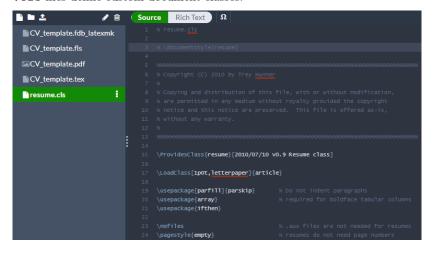


Figure 7: The resume.cls file in the CV project.

\documentclass imports the custom class from the .cls file.

Figure 8: Importing resume from resume.cls.

- ▶ \fa commands define icons.
- ▶ \hfill creates horizontal whitespace to fill current line

Figure 9: CV header with icons for contact information.

▶ \rSection: custom Section environment.

#### CAREER SUMMARY

I am a driven professional with extensive knowledge in LATEX.

Figure 10: CV summary with an rSection environment.

#### PROJECTS/RESEARCH EXPERIENCE



Project 3 We proposed to do something. We achieved 95% performance increase in this particular metric.	2020-Present
Project 2 Summary of what you did.	2019-2020
Project 1 Summary of what you did	2016-2019

Figure 11: CV rSection for projects/research.

- ▶ @{text}: Inserts 'text' in every row.
- ► >{\bfseries}: Applies bold face to entire column.
- ▶ \hspace{3ex}: ex denotes horizontal size of 'x' in the given font.

#### SKILLS

Computer: Proficient with LATEX
Languages: English

Figure 12: CV rSection for skills.



Figure 13: CV rSection for education.

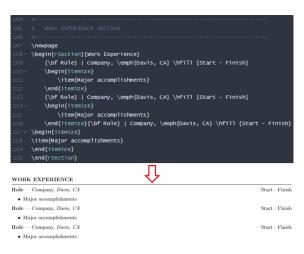


Figure 14: CV rSection for work experience.

#### Category/Project Name

John Doe, James Doe, "Our very important research", in Very Important Journal, submitted.

#### Category/Project Name

• Jean Doe, John Doe, "A paper where I was second author", in Important Journal, vol. 1, pp. 1-3, 2022.

Figure 15: CV rSection for publications.

## Beamer Template

Slide decks for academic presentations.

### beamer: most common LATEX package for presentations

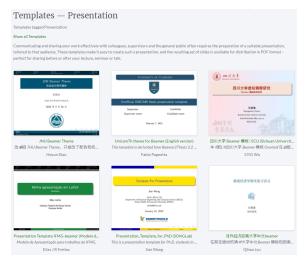


Figure 16: Overleaf's presentation templates. Most are beamer!

Let's check out the beamer project!

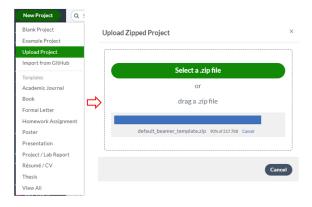


Figure 17: Uploading our default beamer template.

```
8 X Title page details
9 \title (Default Beamer Template)
10 \subtitle(\LaTeX() 101)
11 \author(\ane Doe)
12 \institute(UC Davis GradPathways)
13 \date(\today)
14
15 X Image Logo
16 X \logo(\includegraphics[width=2.5cm]{DavisLogoV3.png})
17 \titlegraphic(\includegraphics[width=2.5cm]{DavisLogoV3.png})
18 \begin{document}
20
21 \begin{frame}
22 X Print the title page as the first slide
23 \titlegae
24 \tend{trans}
```



Figure 18: Title slide for the default beamer template.



Figure 19: Using \tableofcontents in beamer.

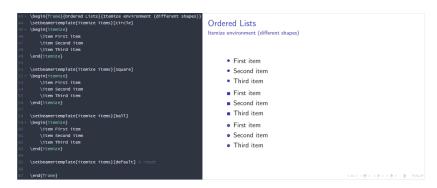


Figure 20: Changing \itemize markers in beamer.



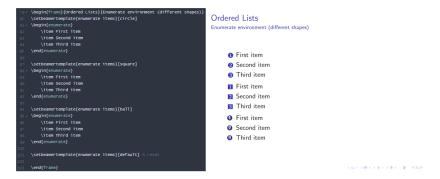


Figure 21: Changing \enumerate markers in beamer.



#### Columns

columns, column environment

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Figure 22: Creating columns in beamer.



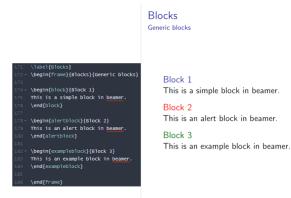




Figure 23: Creating blocks in beamer.





Figure 24: Creating math blocks in beamer.



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Figure 25: Creating hyperlinks/buttons in beamer.

Hyperlinks and Buttons



- ▶ Lessons 1-12 from learnlatex.org
- $\blacktriangleright\,$  Today: Templates (Resume/CV, Beamer)