

UNIVERSITY *of*
WEST FLORIDA

LaTeX Resume / CV Workshop

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Why LaTeX (Lay-Tech)?

- LaTeX documents are gorgeous.
- Better typography than Microsoft Word
- Can make any type of document that you can imagine
- Free!



What's wrong with Word?

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Objective

Seeking a Network QA Engineer position in the networking industry with responsibilities that will effectively utilize my technical, communicational, leadership, and organizational skills

Technical Expertise

Network Protocol :-

- Layer 2: Spanning Tree PROTOCOL(STP),Rapid Spanning Tree Protocol(RSTP),VLAN Trunking Protocol,ARP ,RARP.
- Layer 3 : RIP, IGRP,OSPF, ICMP,IPv4,IPv6,DHCP,DNS and Secure DNS.
- Layer 4 protocols: TCP and UDP.
- Multicast and VPN

Networking Knowledge: IP Assignment, NAT, Static Routing, Access Rules , Load Balancing, DHCP(How it works), Port Channel and Standby Interface Behavior, Cisco ISR router, wccp protocol.

Knowledge of CCNA .
Hands on Experience on Cisco ISR/ASR/ CSR routers and Wide Area Application Enginrer and Layer 2 and Layer 3 switches.

Experience Summary:

Presently working as a permanent employee with **HCL Technologies Limited for Cisco** , for the HCL-CISCO Collaboration WAAS project as a QA engineer.
Past :Worked with **DELL-SonicWALL Infosecurity Private Limited** as an Enterprise Tech Senior Associate basically focusing on Manual Testing and handling CFD's.

Work Experience

HCL Technologies Limited.

Designation : Quality Assurance Engineer /Test Engineer .
Duration : 4th Novemer 2013 to Present
Responsibilities:

- Spacing and form imposed by font and program
- Columns, lists and tables are TERRIBLE
- Not customizable

What do I need to code?

- Coding requires
 - Text editor: this is where you **write** the code
 - Compiler: this is what **reads** the code and makes it into a PDF

How will this work?

- We tell LaTeX
 - What we want the document to look like (Document Class)
 - Where we want things on the page (Position commands like “`\hspace{0.5cm}`”)
 - What it should say (we type the words we want on the page)

Getting Started

- <http://pages.uwf.edu/cvarney/latex.html>
- Use Overleaf to get started
- Later on (for the advanced user):
 - Download LaTeX
 - Download an editor

Creating a New LaTeX File



- Type the following into a new document:

```
\documentclass{article}
```

```
\begin{document}
```

```
Hello World
```

```
\end{document}
```

- LaTeX files have the filename extension `.tex`
 - Save it as `hello.tex`
- Hit the Green arrow  pdfLaTeX 
 - This will create a pdf called `hello.pdf`

Creating a New LaTeX File

- Make a small change:

```
\documentclass{article}

\usepackage[margin=1in]{geometry}

\begin{document}
Hello World
\end{document}
```

- Create the pdf again. What changed?

Resume/CV Options

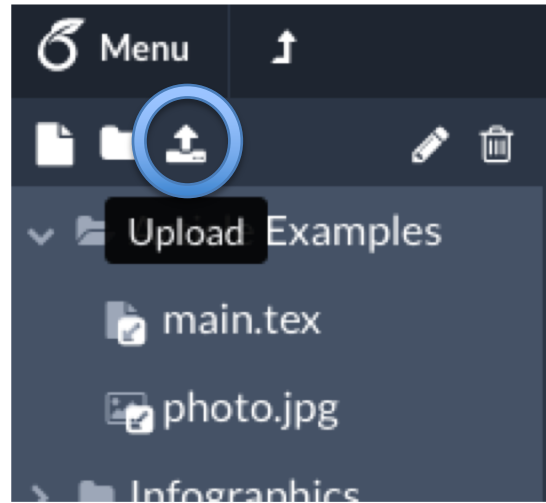
- Res
- AwesomeCV
- ModernCV
- TwentySecondCV
- Medium Length Professional CV
- AND MORE

<https://www.overleaf.com/gallery/tagged/cv>

The Resume Class res.cls

- If you installed LaTeX on your computer, it should automatically install res.cls for you.
- If not, you can find it @
 - <https://ctan.org/pkg/res?lang=en>
- If you have to download res.cls, it **MUST** go in the same directory as your LaTeX file
- Overleaf does not have res.cls. You have to upload the file

Uploading res.cls



Create a New Resume

- Create a new document and type the following:

```
\documentclass{res}
```

```
\begin{document}  
\name{Generic Person}  
\address{Address goes here}
```

```
\begin{resume}  
\section{An Example Section}  
Stuff goes here
```

```
\end{resume}  
\end{document}
```

Lists / Bullet Points

- Numbered lists are created using the enumerate environment
- Bulleted lists are created using the itemize environment
- Add one of these under the section we created

```
\begin{enumerate}  
\item Item 1  
\item Item 2  
\end{enumerate}
```

```
\begin{itemize}  
\item Item 1  
\item Item 2  
\end{itemize}
```

Making Lists Better

- To improve the way lists work, we can use the `enumitem` package
- This line of code goes after `\documentclass`
- We can customize anything about the list
- Change your list to look like this:

```
\usepackage{enumitem}
```

```
\begin{itemize}[leftmargin=*,noitemsep]
```

Adding Positions

- The resume class has a command to create a position with a job description.
- Create a new section called “Work Experience”
- Add the following:

```
\title{Job Title}  
\employer{Company}  
\dates{Start - End}  
\location{Pensacola, FL}  
\begin{position}  
Job Description  
\end{position}
```

Finding a Style

- I created a template that uses all of the basic elements of res.cls:
- Lots of examples on using res.cls to generate different styles:
<https://www.rpi.edu/dept/arc/training/latex/resumes/>
- Take a look at the PDFs and see if there's a style you like

Other CV Styles

- LaTeX is really customizable, so there are lots of resume and CV packages available:
<https://www.overleaf.com/gallery/tagged/cv>
- Comprehensive TeX Archive Network:
<http://www.ctan.org/>
- Windows:
MiKTeX will automatically download missing packages
- Linux/MacOS: Default install covers most packages

Learning More

- You can do just about any type of document with LaTeX
- Many scientific journals use or require LaTeX for publication
- Check out <https://en.wikibooks.org/wiki/LaTeX>