

resume Class

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1 Introduction

1.1 Features

- Simple interface to specify resume information, let user to only worry about the content, not the formatting
- Automatically create a consistent formatting
- Automatic contact info creation
- Multiple environment for specifying resume information. Has "other" environment for flexibility of using a non-default section. Flexible ordering of sections.
- Feature to choose resume with serif or san-serif font
- Generate resume in pdf format. If docx / doc is requested, please use the readily available pdf to word converter in the internet

1.2 Example

For an examples of a resume created using the resume class, see *example.tex*. The resulting PDF is shown in fig. 1

2 Getting Started

- Download *resume.cls* and save it in the same directory as your resume .tex file.
- At the top of the resume .tex file, put `\documentclass{resume}` to load resume class into the tex file.

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OBJECTIVE

A co-op or summer internship opportunity to gain an industry experience in chemical engineering.

EDUCATION

University of Wisconsin–Madison Expected 2018
B.S. Chemical Engineering – Minor in Computer Science
 GPA: 3.93 / 4.00

WORK EXPERIENCE

Chemical Engineering Research and Development Intern May 2016 – August 2016
National University of Singapore Singapore

- Performed computational fluid dynamic (CFD) simulation using ANSYS Fluent to analyze nanoparticle mediated drug delivery to brain tumor.
- Developed mathematical models and numerical platform in Excel to predict and identify the impact of drug properties on drug delivery.

Undergraduate Research Assistant – Process System Engineering September 2015 – Now
Department of Chemical and Biological Engineering, UW-Madison Madison, WI

- Publication (Book Chapter):** Wu, W.; Kurniawan, D.; Zhu, W.; Maravelias, C.T. Composite-Curve-Based Biomass Procurement Planning Approach. *Advances in Energy Systems Engineering* (Editors: Kopanos, G.M.; Liu, P.; Georgiadis, M.C.). Springer, 2016.
- Designed and developed a large-scale software in Excel VBA and Matlab that provides an automation interface and a numerical implementation of a novel biomass procurement planning model. Maintained a high standard of code modularity, scalability and readability while providing an extensive documentation for future use.
- Explored the feasibility of incorporating real world geospatial database as an input to the procurement model using ArcGIS, Microsoft Access and Matlab.

Procurement Manager September 2015 – May 2016
University of Wisconsin-Madison, College of Engineering Madison, WI

- Streamlined materials procurement / supply chain for an engineering design class of 500 students.
- Ensured a timely and accurate supplies delivery by maintaining communications with both students and vendors.

ACTIVITY AND LEADERSHIP

Indonesian Student Association (Finance / Vice-President): Organized events for students to promote campus cultural diversity. Managed financial affairs of the organization. Responsible for securing \$2000 grants in total to ensure a healthy financial status.

American Institute of Chemical Engineers (Outreach Volunteer): Volunteered as a tutor to help the science olympiad preparation of 15 high school students in Waunakee High School.

SKILLS

Excel	VBA	Matlab	ANSYS Fluent	ArcGIS
L ^A T _E X	Java	Julia	Python	R
Word	PowerPoint	Access		

Figure 1: Example of resume generated by this resume class

- In the preamble, specify the required information (name, address, contact) using the commands listed in the Commands section.

2.1 Template

template.tex is a ready-to-use resume template that uses the resume class.

3 Documentataion

3.1 Commands

The following commands should be used in the preamble of the resume .tex file. name, address and first contact are mandatory. If commands these are not used, you will get an error.

- `\name{(name)}` : Replace (name) with your name
- `\address{(address)}`: Replace (address) with your address
- `\firstcontact{(contact)}`: Replace contact with your contact info (phone number, email, website, etc.)
- (OPTIONAL) `\secondcontact{(contact)}`: Replace contact with your contact info (phone number, email, website, etc.)
- (OPTIONAL) `\thirdcontact{(contact)}`: Replace contact with your contact info (phone number, email, website, etc.)

Second and third contact is optional. If you only want to provide with 2 contact info, then use firstcontact and secondcontact command. You will get an error if you use thirdcontact command without the secondcontact command.

3.2 Environments

Objective

`\begin{objective} ... \end{objective}`

Education

`\begin{education} ... \end{education}`

`\begin{educationitem} {(schoolname)}{(date)}{(degree)}{(gpa)} ... \end{educationitem}`

- GPA is optional, leave last argument empty
- Education item can be extended by writing inside the educationitem environment. Make sure to add new line “\\” in the beginning if you want to extend on the education item.

Work

`\begin{work} ... \end{work}`

`\begin{workitem} {(title)}{(date)}{(company name)}{(location)} ... \end{workitem}`
`\workdesc`

- Similar to itemize environment. Use `\workdesc` command for a bullet point statement.

Skills

`\begin{skills} ... \end{skills}`

- Provides tabular-like environment. Maximums 5 item per row. Use `&` to separate item. Use `\\` to put item in the next row

Other

`\begin{other} {(section title)} ... \end{other}`

- Replace `(sectiontitle)` with the corresponding section title. Can be used for other section not provided in this class such as “Activities”. Used a run-in format in the content

`\begin{otheritem} {(title)} ... \end{otheritem}`

- Write the item explanation inside this environment.

3.3 Class Options

To use a class option, write `\documentclass[options]resume` at the beginning of your resume file, where `options` is a comma-separated list of the options that you wish to use. These are the following custom option available in this resume class:

- `rmfont`: Use serif fonts. Use this if you want a printable resume
- `sffont`: Use san-serif fonts. Use this if you want an electronic resume