Vector Le

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About Me

Professional Interests	Software Engineering, Front-End Web Development
Technologies	HTML, CSS, JavaScript, MongoDB, Express, Node.js, Git, C, C++, C#, Vim, Linux, Excel, and others
Languages	English, Chinese
Interests	Powerlifting, digital privacy, long-distance running
Legal Status	American Citizen

Education

California State Polytechnic University, Pomona   Expected Graduation Date: June 2020
Bachelor of Science, Computer Engineering, Cumulative GPA: 3.38
Dean's List: Fall 2016, Fall 2017

Alhambra High School   August 2012 ~ June 2016
Extracurriculars: All Male Dance (2014-2016), Cross Country (2013), Track & Field (2012-2014)

Personal Projects

- Portfolio Website — A static web page using pure HTML and CSS that displays my various projects and basic information about me. Learned basic CSS animations using keyframes. (https://github.com/VectorLe/Portfolio)

- VecPost — A web application that allows a user to create, view, edit, and delete posts. Learned how to use Node.js, MongoDB, Express, and how to implement RESTful routing. (https://github.com/VectorLe/PostApp)

- Maze Application — A Windows Forms application built with a partner for Software Engineering course using C#. Allows user to generate and play a variably sized maze. Includes a Solution button that implements depth-first search algorithm with a stack to solve the maze. Gained experience working with another developer. (https://github.com/VectorLe/MazeApplication)

- Patatap Clone — Cloned the web application Patatap using Javascript libraries Howler.js and Paper.js. Learned how to read through JavaScript documentation and use libraries to complete a simple project. (https://github.com/VectorLe/Patatap-Clone)

- Twitter Bots — Recreational side project to create bots using Google Spreadsheets using Twitter API following online tutorial. Bots can be found at @procrustesbed, @ArtOfWarTweet, and @PandaAphorisms. Bots automatically tweet a quote from Google Spreadsheets drawn from respective book/movie every 2 hours. Gathered about 40 followers on the most popular account.

Related Coursework

California State Polytechnic University, Pomona
- Software Engineering
- Data Structures
- Object-Oriented Programming
- Discrete Structures
- Multivariable Calculus
- Elementary Linear Algebra & Differential Equations

Volunteer Experience

Herald Christ Christian Center Rosemead   July 2016 – September 2016
Data Entry Clerk
- Transferred hand-written patient information into company database with eClinicalWorks
- Helped manager develop monthly performance reports using Microsoft Excel