

Gregory Jueves Mayo

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Education

San Jose State University, San Jose

Expected May 2020

B. S. Software Engineering

Coursework: Web Development, Information Security, Operating System, Data Structures and Algorithm, Computer Organization, Software Architecture. Activity: CodePath.org (iOS Course, exploration into iOS mobile app development and implementation of RESTful API clients)

Technical Skill

- Programming Language: C, C++, Java, Swift, HTML/CSS, JavaScript
- Web Development: ReactJS, Bootstrap, jQuery, Git, Heroku
- Experienced in using IDE (VSCode, XCode, Eclipse) and working in Linux, Windows, AWS

Work Experiences

Menos, Inc.

January 2019 - February 2019

Software Engineering Intern

Jakarta, Indonesia

- Modified the drag and drop file upload method using **Vue.js** and **Bootstrap** that increased the performance website by 15%.
- Designed the internationalization features using **Vue.js** that attracted more users by 20%.

Diablo Valley College - Computer Center

January 2017 - May 2018

Computer Lab Assistant

Pleasant Hill, CA

- Built a brand new time entry program using **C++**, saving an average of \$1000 per month.
- Provided technical assistance and one-on-one tutoring for computer science classes such as Data Structures and Algorithm, Object Oriented Programming, and Programming with C, C++, and Java.

Projects

SaferWay

February 2019 - Present

<https://github.com/dmilin1/SaferWay>

- Working on the front end development for the main page of the web, login page, and the checkout page.
- Develop using **ReactJS**, **Bootstrap**, **HTML/CSS**, **JavaScript**.

Twitter

February 2019 - March 2019

<https://github.com/gregorymayo/twitter>

- Built an iOS app that allows users to log in, post tweets, view the home timeline, and view friends profile.
- Design functions to call APIs from the Twitter server to gather the data using **XCode**, **Swift**.

Flixster

January 2019 - February 2019

<https://github.com/gregorymayo/flixster>

- Designed a movie browsing application for iOS that allow users to see a current list of movies.
- Developed functions to call APIs from The Movie Database to gather the current movies using **XCode**, **Swift**.

Google Search Engine Simulator

November 2018 - December 2019

<https://github.com/gregorymayo/Google-Search-Engine-II>

- Implemented a web crawler in **Java** that allows users to enter a keyword and get the URLs.
- Modified the page score generator and made binary search tree functions to insert and delete a page score.
- Upgraded the search engine by implementing red-black tree data structures to reduce computation time.

Page Rank Simulator

October 2018 - November 2018

<https://github.com/gregorymayo/Page-Rank-Simulator->

- Implemented heap sort and priority queue in **Java** to sort and show the URLs based on the highest page score.
- Developed heap data structures that allow users to search, change, insert and delete the specific URL.

Leadership Experience

President of Student Council, SMAK St. Louis 1 Surabaya, Indonesia

August 2014 - August 2015

- Successfully organized 1400 students to support the basketball team in the region's finals.
- Organized profitable events. Increased the total number of participants by strengthening the advertisement.