Gregory Jueves Mayo

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EDUCATION

San Jose State University, San Jose   **Expected Graduation:** December 2020

    B. S. Software Engineering

Coursework: Computer Network I, Server-side Web Programming, Object-oriented Design, Operating System, Information Security, Data Structures and Algorithm, Computer Organization and Software Architecture.

SKILLS

- Programming Language: Java, Python, C, C++, HTML/CSS, JavaScript, PHP, MySQL, Swift
- Web Development: React.js, Bootstrap, Express, Vue.js, Node.js, jQuery, Firebase
- Mobile Development: React Native
- Experienced in using IDE (Eclipse, VSCode, XCode) and working in Windows, Linux

WORK EXPERIENCE

Software Engineering Intern, Menos Inc, Jakarta, Indonesia   December 2018 - February 2019

- Implemented the emailing system based on the file upload using **Express** and **Node.js**.
- Built internationalization feature, drag and drop file upload method using **Bootstrap** and **Vue.js**.

Computer Lab Assistant, Diablo Valley College, Pleasant Hill, CA   January 2017 - May 2018

- 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 CS classes such as Data Structures and Algorithm.

PROJECTS

My Calendar   July 2019 - August 2019

- Built and designed a calendar application by making interactive features such as read events from a file, etc.
- Developed features that allow users to view the events from calendar by day, week, month and a specific date.
- Implemented GUI and MVC pattern using **Java.**

Eatstagram   February 2019 - May 2019

- Integrated user's features in the profile page such as users can change their profile picture.
- Built the user's profile page that allows users to view all the pictures they uploaded.
- Designed functions to call APIs from the Firebase server to collect users' info and photos using **Swift, XCode.**

SaferWay   February 2019 - May 2019

- Integrated the checkout page so the users can make a payment and see all of the ordered products.
- Built and designed the login page that allows users to make a new profile or log in to an existing account.
- Developed using **React.js, BootStrap, Node.js, Express.**

Multi-threaded Engine   April 2019 - April 2019

https://github.com/gregorymayo/Multi-threaded-Engine

- Built a multi-threaded program for a producer and a consumer based on the provided shared libraries' logic.
- Developed using **C.**

Twitter   February 2019 - March 2019

https://github.com/gregorymayo/twitter

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

Search Engine   November 2018 - December 2018

https://github.com/gregorymayo/SearchEngineII

- Implemented a web crawler using **Java** that allows users to enter a keyword and get thirty URLs.
- Built red-black tree data structures that allow users to insert and delete a page score on the specific URL.

ACCOMPLISHMENTS

Runner Up - PayPal "Opportunity Hack" - San Jose 2019   **November 2019**

- Designed the database and functions to call APIs from the Firebase server to gather the information based on the users' needs using **Swift, XCode**.
- Created a web application for organizations to participate in giving reliable information to our database and our mobile application using **React.js.**