

# Gregory Jueves Mayo

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## Education

**San Jose State University, San Jose**

**Expected May 2020**

**B. S. Software Engineering**

Coursework: Operating System, Information Security, Software Engineering II, Data Structures and Algorithm, Computer Organization and Software Architecture.

## Technical Skill

- Programming Language: Java, C++, C, HTML/CSS, JavaScript, Swift
- Web Development: React.js, Bootstrap, Express, Vue.js, Node.js, Axios, jQuery, REST API, git
- Experienced in using IDE (VSCode, XCode, Eclipse) and working in Linux, Windows, AWS

## Work Experiences

**Menos, Inc.**

December 2019 - February 2019

**Software Engineering Intern**

*Jakarta, Indonesia*

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

**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 CS classes such as Data Structures and Algorithm.

## Projects

**Eatstagram**

April 2019 - Present

- Integrating 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.
- Design functions to call APIs from the Firebase server to gather users' data and photos using **Swift**, **XCode**.

**SaferWay**

February 2019 - Present

- Integrating the checkout page so the users can choose the payment method 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.
- Develop 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 producer and consumer based on the provided shared libraries' logic.
- Developed using **C**.

**User Database**

April 2019 - April 2019

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

- Created a program for users to build a database of strings using linked list by having add and delete operations.
- Integrated the persistent list by accessing the content of the file using **mmap**.
- 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 2019

<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.

## 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.