Gregory Jueves Mayo

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Education

San Jose State University, San Jose   **expected** May 2020

B. S. Software Engineering
Coursework: Data Structures and Algorithm, Computer Organization and Architecture, Software Engineering I

Diablo Valley College, Pleasant Hill

A.S. Computer Science   May 2018
Coursework: Programming Design and Data Structure, Assembly Language Programming, Programming With Java, Advanced Programming With C and C++

Technical Skill

- Programming Language: C, C++, Java, Swift
- Web development: HTML, CSS, JavaScript
- Miscellaneous: Vue.js, BootStrap, jQuerry, Git, Github, Gitlab
- Experienced in using IDE (Code Blocks, XCode, Eclipse) and working in Linux, Windows, AWS

Working Experiences

Menos, Inc.   January 2019 - Present

Software Engineering Intern   *San Jose, CA*
- Modifying the emailing system based on the file upload using a drag and drop method
- Built and contributed to the web application company, which developed new features such as implement translation that allows users to change the page into another language.

Diablo Valley College - Computer Center   January 2017 - May 2018
Computer Lab Assistant   *Pleasant Hill, CA*
- Advanced the time sheet by creating a time entry program using C++, saving an average $1000 per month
- Trusted to be a teaching assistant in Advanced Programming With C and C++ class, and resolved many students problems
- Provided technical assistance for computer science classes such as Data Structures and Algorithm, Object Oriented, and Programming with C, C++, and Java

Project

Google Search Engine 2.0
- Upgraded the first search engine by developing the red-black tree data structures
- Allowed the users to search and delete a specific URL by entering the page score or the PageRank

Google Search Engine
- Programmed a search engine that produces thirty URLs based on the keyword and sort by the highest PageRank
- Implemented a web crawler 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

Page Rank Simulator
- Developed heap data structures that allow users to change or insert a page score to the specific URL
- Implemented Heap Sort and priority queue to sort and show the URLs based on the highest page score

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 final region league
- Executed profitable internal and external events with the success of increasing the participants by strengthening the advertisement

Organization Experience

Member of Logic and Analysis Club, Diablo Valley College   September 2016 - May 2017
- Collaborated with other members to solve real-world problems using a logical and mathematical approach such as how to improve the economy in Jakarta, Indonesia, etc.