

Gregory Jueves Mayo

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EDUCATION

San Jose State University | B. S. Software Engineering

December 2020

Relevant Coursework: Operating System, Computer Network, Enterprise Software, Data Structures and Algorithms, Machine Learning, Information Security, Computer Architecture, Database Management Systems.

TECHNICAL SKILLS

- **Languages:** Java, Python, TypeScript, JavaScript, HTML5, CSS3, MySQL, C, C++, Swift, SQL, XML, PHP
- **Frameworks:** React.js, Vue.js, Flask, Node.js, React Native, Pytest, Jest, Storybook
- **Others:** MongoDB, Firebase, Git, Docker, Kubernetes, JIRA, AWS(EC2, ELB, VPC, CloudFormation)

WORK EXPERIENCE

Domino Data Lab | Software Engineering Intern | San Francisco, CA

April 2021 - October 2021

- Implemented a complete redesign of Domino's deployment internal hub UI where users can spin up a Domino instance and integrate the backend API using **ReactJS, TypeScript, Flask, and Python**
- Reduced Domino's AWS total deployment cost by 5% by building a feature that allows users to deploy a Domino instance across five different supported regions
- Increased developers' productivity by allowing users to load their previously selected options before they want to spin up a new Domino instance using **Redux and MongoDB**
- Reduced 23% of failed Domino instances by implementing a feature that rejects unsupported version upgrades and suggests preferred packages
- Implemented end-to-end feature to sort running Domino instances based on the selected cloud providers

Salesforce | Security Tools Developer Intern | San Francisco, CA

June 2020 - August 2020

- Upgraded the Salesforce Compliance site by building a digital file watermarking system which facilitated teams to identify anyone that shared confidential documents using **Node.js**
- Added a security layer to the watermarking feature by utilizing Adobe Experience Manager to restrict file sharing and prevent file modification, decreasing the average file download by 10%
- Developed web security best practices by implementing **APEX** (Salesforce's in-house language) on the Salesforce internal app to prevent security issues such as SQL injection and Cross-Site Scripting

Menos | Software Engineering Intern | Jakarta, Indonesia

December 2018 - February 2019

- Built an automated email notifier using **Nodemailer** that prevents users from submitting duplicate applications
- Created a drag-and-drop file upload system using **Vue.js** to streamline applicants' file upload process
- Increased the number of web visitors by 30% by integrating **Vue's i18n** library that allows users to translate Menos' website into multiple languages

PROJECTS

Air Trip | Java, JDBC, MySQL

September 2020 - December 2020

- Led a team of 3 to build a reservation system for users to book airline tickets
- Implemented features for users to view all the ordered tickets and available tickets based on the selected dates, destination and available airlines

Quickmaths | React Native, Node.js, Express.js, Firebase

February 2020 - May 2020

- Built an account management page and handled the user authentication using the Firebase API
- Improved teachers' absence page by adding a feature to accept/reject student's requests to join the class

Lost and Found | ReactJS, Apache Kafka, Spring Boot, Java, AWS RDS, Docker

February 2020 - May 2020

- Led a team of 3 to implement a three-tier web application that helps students to find lost items
- Built the front-end page and wrote the API for users to post lost items

ACCOMPLISHMENTS

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

November 2019

- Built a **ReactJS** web app and a **Swift** mobile app, and **Firebase** as a serverless backend for non-profit organizations to publicize information on education, food, and housing that are intended to help foster youths