

# 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.

## WORK EXPERIENCE

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

*April 2021 - Present*

- Building a new version of Domino's deployment internal hub UI and integrating the backend API where users can spin up a Domino instance with their own set of preferences
- Increased developers' efficiency by implementing a feature that allows users to load their previously selected options before they spin up a new instance using **ReactJS**, **TypeScript**, **Flask**, **Python**, and **MongoDB**
- Built a UI feature that rejects unsupported version upgrades and suggests preferred package versions which reduced the numbers of failed Domino instances by 23%

**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 from the embedded watermark using **Node.js**
- Utilized Adobe Experience Manager to improve the company's security by preventing their employees from modifying, printing, and copying restricted files, decreasing the average of restricted files 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

**Diablo Valley College** | Computer Lab Assistant | Pleasant Hill, CA

*January 2017 - May 2018*

- Decreased 10% lab expenses' by building a time entry program using **C++** that allows all lab assistant to electronically enter their time as proof of work

## PROJECTS

**Airline Reservation System** | Java, JDBC, MySQL

*September 2020 - December 2020*

- Built a Java application using Air Flight datasets for users to book tickets
- Implemented features for users to view all the ordered tickets and available tickets based on the selected dates and available airlines

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

*February 2020 - May 2020*

- Handled the user authentication and account management using 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 4 to implement a three-tier web application that helps students find lost items
- Built the frontend using **ReactJS** which allows users to browse, view, and post images of 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

## SKILLS

- **Languages:** TypeScript, Python, JavaScript, Java, C, C++, Swift, SQL, XML, PHP, HTML, CSS
- **Others:** ReactJS, Vue.js, Flask, Node.js, React Native, MongoDB, AWS, Firebase, MySQL, Git, Docker, k8s