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, C, C++, Swift, SQL, XML, PHP
- **Frameworks:** Java Spring Boot, React.js, Vue.js, Flask, Node.js, React Native, MySQL, Storybook
- **Others:** Swagger, MongoDB, Firebase, Docker, Kubernetes, JIRA, AWS(EC2, ELB, VPC, CloudFormation)

WORK EXPERIENCE

Windstream | Software Engineer | Little Rock, AR   *January 2022 - February 2024*

- Reduced Windstream's quoting application tool (PAO) workload by 12% by creating RESTful APIs using **Swagger**, **Hibernate**, and **Java**, communicating with Windstream's customized Salesforce (WinForce) API to update customer information and view the JSON quotes submitted to WinForce
- Led PAO migration into a microservice architecture, which helped streamline workflow and improve collaboration across teams. Created RESTful APIs that enable teams to save quotes to the PAO database, load JSON quotes, provide real-time product availability, and submit quotes to WinForce
- Improved PAO's address accuracy by 30% by building a **Java** Address Validation tool that interacts with the USPS API for address validation and cross-references with multiple responses from Google API. Leveraged the response to display geo-coordinates and network elements from an internal Geocoordinate API
- Enabled user access to the Address Validation tool through a RESTful API and implemented spreadsheet upload and download functionality, including a template spreadsheet. This feature allows users to submit bulk requests using the template and receive corresponding bulk responses efficiently
- Achieved a 15% decrease in quote revision resubmissions to the sales manager by creating a newly designed PAO summary page, which displays all product changes across all locations since the last submitted quote, and modified the PAO final report to reflect revisions from the summary page using **Java**, **HTML**, and **CSS**
- Formulated new features for product availability and pricing based on quote locations and business requirements including PAO's pricing database integration for accuracy

Domino Data Lab | Software Engineer Intern | San Francisco, CA   *April 2021 - October 2021*

- Implemented a complete redesign of Domino's deployment internal hub UI, allowing users to 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 enabling users to choose and deploy Domino instances in five different regions, implemented by offering five region options and integrating it with **Docker**
- Increased developers' productivity by enabling users to load their previously selected options before initiating a new Domino instance using **Redux** and **MongoDB**
- Decreased the failure rate of failed Domino instances by 23% through the implementation of a feature that rejects unsupported version upgrades and suggests preferred packages
- Implemented an 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 implementing a digital file watermarking system using **Node.js** that allows teams to identify anyone who shared confidential documents
- Reduced Salesforce's download workload by 10% by enhancing the watermarking feature's security layer with Adobe Experience Manager, effectively restricting file sharing and preventing file modification
- Implemented Salesforce's in-house language in the Salesforce internal app to mitigate security issues

ACCOMPLISHMENTS

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

- Built a **ReactJS** web app and a **Swift** mobile app, utilizing **Firebase** to assist non-profit organizations in sharing vital information on education, food, and housing, with a focus on helping foster youths