

Mitch Avery

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Education

San Jose State University
Bachelor of Science – Software Engineering

Graduation Date: May 2020
Cumulative GPA: 3.4

Work Experience

Technical Program Manager Intern – Google

May 2019 – August 2019

- Designed, developed, and deployed an internal tool to automate registration into a Google Privacy platform
- Identified user pain points to provide key opportunities for process improvements and feature development
- Increased metrics of efficiency and user satisfaction while reducing total time of registration by 85%
- Worked cross functionally with engineers in London, New York, and San Francisco to fulfill project goals

Technical Program Manager Intern – Equinix

January 2019 – April 2019

- Led the migration of over \$143,000 in assets through the Equinix acquisition of a Brazil Data Center
- Worked cross functionally with stakeholders in Brazil/Sunnyvale to align project priorities and schedules
- Assisted senior IT leadership by providing dashboard reports on issues & risks, mitigation plans, tradeoffs
- Used the agile methodology as acting SCRUM master for daily standups with product & network leadership

Technology Project Management Intern – Equinix

October 2018 – December 2018

- Designed, planned, and led various Equinix data center infrastructure construction and project processes
- Reduced operational cost by 23% through leveraging engineering strategy and utilizing established metrics
- Delivered 9 project deliverables including milestone updates on budget, at risk/off track projects, and risks
- Established vendor management system and IT M & A project cost excel calculator used now in production

Robotic Process Automation Developer Intern – Equinix

June 2018 – September 2018

- Automated thousands of JSON entries being entered to Siebel CRM reducing man hours by 17%
- Utilized C#, .Net, Python as well as Blue Prism software in automation of major IBX finance project
- Conducted user acceptance testing and system integration testing on all projects in high scaled manner

Technical Skills

Programming & Markup Languages: Python, Java, C, JavaScript, PHP, HTML, CSS, SQL/PL

Programming Tools/Databases: MongoDB, MySQL, Firebase, PostgreSQL, Git, Google App Engine, Docker

Data Analysis/Technical: Tableau, ServiceNow, Adobe XD, Agile Development, Google Cloud Platform

Technical Projects

Employee Database Enterprise Application (Full Stack Web Application)

Enterprise application designed for managers and HR to add, update, edit, and delete employee information from a large-scale database

- Utilized MERN web development stack – MongoDB, React.js, Express.js, and Node.js for web application
- Implemented single-sign-on utilizing Okta authentication allowing both manager and employee access
- Integrated Google Maps API to allow users to see surrounding location as well search for nearby addresses

Grouch.io (Full Stack Web Application)

Full stack web application utilizing IoT devices and sensors to track waste around SJSU campus and provide data analytics in real time

- MERN stack – MongoDB, React.js, Express.js, Node.js with GraphQL, Amazon AWS, Google Maps API
- Queried data from IoT devices set around SJSU campus to provide data and analytics to users in real time
- Deployed application live on both Google Cloud App Engine and Heroku using Heroku CLI