

Thomas Simko

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EDUCATION

California Polytechnic State University San Luis Obispo, San Luis Obispo, CA

Bachelor of Science/Master's in Software Engineering

September 2014 - Expected Graduation Date: June 2019

GPA: 3.70

WORK EXPERIENCE

MapR • DevOps Intern - San Jose, CA (Summer 2017)

Developed dynamic, internal webpages using TypeScript and React to increase the accessibility of information queried from different systems and perform analytics of that data to optimize workflows.

- Queried systems such as Jenkins, Artifactory, ElasticSearch, and Marathon to retrieve and display information for employees without access to their interfaces.
- Performed bug fixes and performance improvements on the DevOps website to enhance usability and efficiency.
- Queried and configured ElasticSearch indexes

MapR • IT Intern - San Jose, CA (Summer 2015 and Summer 2016)

Fulfilled the role of a full-time IT employee by providing end-user technical support, performing on/off-boarding of employees, managing user accounts, and other technical maintenance.

- Performed employee on-boarding by preparing the new hire's laptop and accounts
- Responded to a wide range of employee tickets as a SysAid Administrator in a timely and efficient manner, including user workstation, hardware, and account issues
- Wrote daily backup shell scripts for critical company projects to ensure there is minimal data loss
- Automated reporting processes of Amazon AWS instances using Python, Shell scripts, and CloudHealth, improving efficiency
- Established, configured, and deployed the Kaspersky anti-virus network for employees to tighten security

Planet Granite • Event Staff - Sunnyvale, CA (Summer 2015)

TECHNICAL SKILLS:

Java, TypeScript, Javascript, C, Python, C++, Swift, XML, React, Bootstrap, CSS, AWS, JUnit, MySQL, Git, JIRA, ElasticSearch, NPM, AQL, Jenkins, Docker

MAJOR PROJECTS:

Tele-operated Strawberry Harvester (Typescript, React, Java, Spring, AWS)

Serving as the Front End Technical Lead on a team working with the California Strawberry Commission to develop a platform that enables users to pick strawberries remotely through AWS IoT.

Onsight Web App (Typescript, React, AWS, TensorFlow)

Individually working on a Serverless system to automatically score rock climbing scorecards using TensorFlow handwriting recognition.