

MAYA LAKE

(408) 786-4127 maya.lake@outlook.com

EDUCATION

**California State
Polytechnic University,
Pomona**
Computer Science BS
9/ 2014 – 5/ 2019

CERTIFICATE

**Google's Ignite CS
Certificate of
Completion:** "Applied
CS with Android"

SKILLS

Proficient:

Java IntelliJ Linux
Git React JSX
GraphQL

Basic:

Python C++ Spring
Azure Ant Mercurial

AWARDS

**Advancing Women in
Technology Scholar**
AWT

**Microsoft Diversity
Conference Grace
Hopper Scholar**
Microsoft

**Microsoft/ Alvarez
Scholar**
Cal Poly Pomona

**Women in Cyber
Security Conference
Scholar**
WiCys

BRAVO Award
Northrop Grumman

LINKS

GitHub: mayalake
LinkedIn: maya-lake
Website:
mayalake.github.io/about-me

EXPERIENCE

Backend Software Engineer **April 2021 – present**
Project44

- Create new microservices in Java with Spring. Work with SQL and NoSQL databases like Postgres and MongoDB.
- Design models, high level architecture, and design reviews with team for new services that replace legacy systems
- Transform data internally with Kafka, and create API endpoints both internally and externally

Full Stack Software Engineer **June 2019 – May 2020**
Trip Advisor

- Developed and set up A/B tests and unit tests for front-end web components in React JSX, updated middleware service logic in Java, and added endpoints in Java.
- Migrated existing Dust components to React web components and migrated existing service logic from monolithic codebase to microservices using GraphQL.
- Worked with project managers on a regular basis to define and update project specs, LOEs, and tracking information.
- Solved bugs and joined feature bug hunts across different projects and teams.

IT Intern **March 2019 – June 2019**
Essential Access Health

- Assisted in system admin responsibilities and configured an internal IT help ticketing system

Software Development Intern **June 2018 – December 2018**
Northrop Grumman

- Configured the Elastic stack and ingest multiple logs into Elastic.
- Implemented a maintenance software app in Java that measures a file system's response time under stress, used Elastic stack to display data in a team of 2 in Agile.
- Joined staff planning committee for the Explore Aerospace intern poster event.

Media Tech Intern **January 2018 – May 2018**
NBCUniversal

- Wrote a market research report on the bot industry in entertainment, wrote a trade study on bot development tools, designed a chatbot, presented results to Executive Leadership.

Student Partner **September 2017 – May 2018**
Microsoft

- Hosted technical workshops on: Deploy an Ethereum Smart Contract through Azure, Creating an App with Custom Vision Service API, Web app with Computer Vision API.

Software Development Intern **June 2017 – September 2017**
AT&T Entertainment Group

- Implemented 2 texting features to the set top box product in Java using the JavaMail API and presented the business impact of the project to Executive Leadership.

LEADERSHIP

Programs Chair | SheCodes **November 2015 – March 2017**

- Co-managed the organization of the FWD conference that SheCodes hosts for high school women sponsored by Google Ignites and oversaw the Mentorship Program

Internal Outreach | PolyFounders **April 2016 – June 2017**

- Co-hosted the school Hackathon and the 'Coding with Coley' programming workshop

Orientation Leader | CPP Student Services **April 2015 – September 2015**

- Lead incoming students through their 3-day or 1-day Cal Poly Pomona orientation.