

MAYA LAKE

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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 Spring

Basic:

GraphQL Python
C++ Azure

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/abot-me

EXPERIENCE

Backend Software Engineer *Project44*

April 2021 – June 2022

- Create new microservices and add features in Java with Spring. Migrate data from SQL to NoSQL databases such as Postgres to MongoDB.
- Design models, high level architecture, and write design reviews for new micro services to replace legacy systems
- Transform and filter data internally via Kafka, and create API endpoints for internal and external consumption

Full Stack Software Engineer *Trip Advisor*

June 2019 – May 2020

- 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 *Essential Access Health*

March 2019 – June 2019

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

Software Development Intern *Northrop Grumman*

June 2018 – December 2018

- 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 *NBCUniversal*

January 2018 – May 2018

- 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 *Microsoft*

September 2017 – May 2018

- 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 *AT&T Entertainment Group*

June 2017 – September 2017

- 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 Iginites 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.