

Eric Chaing

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SKILLS

Programming Languages: Swift, Bash, Python 3, Kotlin, React

Tools: Xcode, LaTeX, Github, Git, Jira, Excel

WORK EXPERIENCE

Amazon Alexa

Sunnyvale, CA

Software Development Engineer, iOS Engineer

February 2021 - July 2023

Swift | Bash | Git | Xcode | CI/CD | Jira

- Designed and implemented core systems for the Alexa iOS app, ensuring a seamless customer experience and adherence to developer guidelines.
- Developed Alexa App Shortcuts using Swift App Intents framework, enhancing discoverability and empowering customers to access Alexa features outside of the app.
- Collaborated with a Senior iOS Engineer to refactor and redesign the launch sequence, reducing customer time to action by approximately 30%.
- Improved the feature management API through the implementation of an observer pattern, eliminating incorrect default feature views and improving the consistency of customer experience
- Streamlined UI updates by migrating React UI pages into Kotlin templates that remove the need for complex front-end code changes through cross-team efforts.

Amazon Web Services

East Palo Alto, CA

Software Development Engineer

September 2020 - February 2021

C++ | Bash | Git | AWS Aurora

- Automated SOPs which led to an average reduction of ~6.2 tickets/wk. This Dynamic Actions initiative allows customers to get common issues fixed quickly and without having an engineer log onto their machines.
- Implemented a security feature to Aurora MySQL that enables customers to mask any sort of passwords or hashes from being exposed in audit logs or any intermediary queries.

Sekoyia

(Remote) Washington, D.C

Software Engineer Intern

August 2019 - October 2019

NodeJS | Python | Firebase | Typeform | GitHub

- Designed and developed a predictive analytics product prototype in 8 weeks using NodeJS, Python, Firebase, and Typeform APIs. This prototype will be part of a minimum viable product demonstration for investors.
- As a full-stack focused intern, I wrote the code to secure all of our webhooks, generate unique content dependent on the backend computations and monitored the health of the prediction algorithm I wrote.

EDUCATION

Bachelors of Science, Computer Science with Business Applications

June 2020

University of California, Riverside

- Developed a mobile game for a Psychology research lab
- Rose Hack winner along with 3 teammates
- Citrus Hack organizer