JACKIE TSENG

CONTACT

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SKILLS

TypeScript
JavaScript
Java
HTML
CSS

React Native
Android

CONCEPTS

Mobile Development
Front-End Development
Agile Development
Object Oriented
Methodologies
Responsive Design

EDUCATION

UNIVERSITY OF CALIFORNIA, DAVIS

B.S. in Computer Science
Minor in Technology
Management

QUARANTINE SKILLS

3 Mediocre Haircuts
8 1000pc Jigsaw Puzzles
6 Banana Breads
4 Earl Grey Tea Breads
128 Chocolate Chip Cookies

AMAZON ALEXA SKILLS STORE | FRONT END ENGINEER II

June 2018 – Present | Irvine, CA

- Orchestrated a cross-team effort to build a feature across React Native with Typescript, Android with Java, and iOS with Swift that allowed customers to launch Alexa skills on their mobile devices.
- Reduced Alexa's Skills Store's initial load times by 9 times by rebuilding pages as a part of a migration program that moved views from web to React Native.
- Onboarded an external service and compiled documentation and tools for ease of operational excellence.

AMAZON APPSTORE | SOFTWARE DEVELOPMENT ENGINEER

September 2015 – June 2018 | Irvine, CA

- Improved performance of Alexa app startup by 10 times and provided a better native experience for end users as part of a UX overhaul, involving Android, iOS, React Native with TypeScript, and Node.js.
- Excelled in building UX flows in React Native and Android, and provided feedback on improving the design and functionality to UX designers.
- Designed and built components for UIToolkit, a platform that allowed server-side rendering of mobile layouts for iOS and Android apps using React Native.

AMAZON WEB SERVICES | SOFTWARE DEVELOPMENT ENGINEER INTERN

June 2014 – September 2014 | Seattle, WA

- Devised a load balancer that used various techniques, such as random and weighted-random, to relay tasks to different threads.
- Boosted the performance of a system that utilized multithreading to process system messages chronologically, contributing to an overall improvement on performance for Amazon Redshift.

TOM&CO | FRONT END DEVELOPMENT INTERN

September 2014 – November 2014 | London, UK

- Designed responsive marketing emails for various UK e-commerce companies including Sofa.com and Pooky.com using HTML and CSS, and utilized Litmus to accommodate all email clients and browsers.
- Introduced Gulp.js to build templates for marketing emails that expedited the process, increasing efficiency of completion by 400%, and clearly documented how to use and modify the template.

PROJECTS

OC WOMEN & ALLIES | AMAZON

- Pioneered efforts to introduce programming to middle school students and encourage an interest in development early on with tech talks to convey the usefulness of a career in software development.
- Initiated a Mentorship Fair that introduced mentees and mentors to foster mentorship relationships within the Irvine Amazon office.

WRKSHP.GITHUB.IO | PROGRAMMING WORKSHOPS FOR UNIVERSITY STUDENTS

- Spearheaded development workshops for UCI undergraduate students to teach new technologies and inspire students to build their own projects.
- Built the landing page and workflow for the workshop websites to give clear, step-by-step instructions on building an Amazon Alexa skill and an Android app.