ALEX LEW

CONTACT

linkedin.com/in/alew104
github.com/alew104

SKILLS

Architecture Design
Experienced: OOP, MVC, MVVM
Basic: Distributed Systems

Mobile
Experienced: Android (Java), XML
Basic: Xamarin (C#)

Front-end
Experienced: HTML/CSS, javaScript
Basic: React

Back-end
Experienced: Java, Python, SQL
Basic: C++, C#, NoSQL

Cloud
Experienced: AWS
Basic: Microsoft Azure

Miscellaneous:
Experienced: Git, Hadoop
MapReduce
Basic: TCP/IP, bash

EDUCATION

M.S. - Computer Science
Seattle University
Seattle, WA
July 2016 – June 2019
GPA: 3.47

Certificate – UX Design
General Assembly
Seattle, WA
Sept 2015 – Mar 2016

B.A - Sociology
University of Washington
Seattle, WA
Sept 2009 – Aug 2015

EXPERIENCE

Software Development Engineer I   Oct 2019 – Present
Amazon – Seattle, WA   Prime Video – Live Events
- Design and develop tooling to decrease operation time for live events.
- Build API's using Amazon's Coral framework. Used Java for back-end data workflows.
- Design data types and data workflows from front-end to various back-end services to manage live events.
- Developed self-service tooling for live events operations, removing the need for engineering time to process production data. Built filtering tooling to assist operations in accessing correct data at the right time.
- Support operations by acting as on-call engineer. Engineer solutions to effectively mitigate impact of issues in production.

Software Development Engineer, Associate   Jan 2019 – Oct 2019
T-Mobile US – Bellevue, WA   T-Mobile Tuesdays & Digital Apps
- Developed new user experiences in the T-Mobile Tuesdays Android app by integrating UI changes in tandem with designers and marketing requirements. Employed Android best practices and paradigms during development.
- Learned Google TalkBack and developed accessibility experiences for message reading, deletion, and navigation throughout application.
- Integrated custom CMS responses into T-Mobile Tuesdays by defining JSON attributes delivered from back-end. Utilized third-party SDK's for features such as in-app messaging.
- Ensured 24x7 uptime of T-Mobile Tuesdays by driving end-to-end user experiences on high volume days. Collaborated with product owners and third-party teams to develop solutions to reduce customer issue escalations during on-call war rooms.

Software Development Engineer, Intern   June 2018 – Dec 2018
T-Mobile US – Bellevue, WA   T-Mobile Tuesdays & Digital Apps
- Learned Android fundamentals such as activity/fragment lifecycles, broadcast receivers, and performance basics within two weeks.
- Contributed to code base within three weeks of employment. Developed layout animations, JSON to POJO pipelines, and databinding routes.
- Drove animated gif usage within the app by defining minimum size, frames, and load times. Worked with creative, marketing, and back-end teams to define best practices for T-Mobile Tuesdays gif usage.

Teaching Assistant   Sept 2017 – Dec 2017
Seattle University – Seattle, WA   Object Oriented Programming
- Commented and gave feedback on code style to help students understand Object Oriented Concepts and achieve better scores on assignments.
- Worked with faculty to develop grading rubric for assignments and reported student code style issues to better direct the course.

Software Engineer, Intern   May 2016 – July 2016
noonum – Redmond, WA
- Designed website front-end, component interactions, and user flows in Axure.
- Built web-service in Microsoft Azure Suite using bash, git, Django, and HTML/CSS.