Brandon Lim

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Work Experience

Amazon Lab126   Sunnyvale, CA
Software Development Engineer II   December 2018 - Present
Software Development Engineer   July 2016 - December 2018
- Implemented UAMP, a universal Android media player library used across FireOS devices, by integrating with multiple underlying players, such as ExoPlayer, resulting in over 5 million monthly usages
- Lead the UI implementation for Movie Trailers, Smart Home Cameras, and Alexa Skills Video experiences
- Refactored and extended UAMP to support Fire TV Recast content on Echo Show
- Leveraged and maintained pipelines to provide continuous delivery of UAMP to consuming applications
- Architected and developed new features for the Fire App Builder framework, reducing latency by up to 70%
- Designed and implemented metrics for our services to provide insights on how to best optimize
- Established new standards and facilitated open communication to improve sprint velocity as scrum master

Amazon Web Services   Seattle, WA
Software Development Engineer Intern   June 2015 - September 2015
- Developed Elastic Beanstalk application in Python to automatically monitor Docker Hub Availability across all Amazon Web Service regions, increasing our coverage by 900% to help maintain uptime
- Created a JSON Service model for pushing metrics to an internal service from EC2 through Boto3
- Implemented a pipeline for staging CloudFormation stack deployments using internal builder tools

University of California, Irvine   Irvine, CA
Undergraduate Research Assistant   September 2014 - June 2015
- Leveraged AsterixDB to process 5 million tweets to display concentrations of health risk in a spatial area
- Cleaned and parsed 15 GB of record files into a central dataset for AsterixDB ingestion using Java

Technical

Languages: Java, Python, C++, and SQL
Libraries and Frameworks: RxJava, Glide, EventBus, ExoPlayer, Leanback, and Android Support Library
Developer Tools: GitHub, Android Studio, Gradle, Jira, and Amazon Web Services

Education

University of California, Irvine   **September 2011 - March 2016**
Bachelor of Science in Computer Science   Dean's Honor List: 8 Quarters
Bachelor of Science in Business Information Management   GPA 3.63

Projects and Awards

Craft - Autism App Jam   April 2015
- Won Honorable Mention - Web application that provides autistic adults with career suggestions
- Worked with ASP.NET and Bootstrap to create user-friendly web interface for personal assessments

Panda - UC Irvine Med App Jam   October 2014 - November 2014
- Won Most Innovative Application - Tremor tracking application that utilizes the iPhone accelerometer
- Worked with Objective-C, Xcode, and GitHub to develop functionality for medication reminders