

Darran Kelinske

2206 Trailside #201 • Austin, Texas 78704 • darran.kelinske@gmail.com • 512-693-7499

Summary

Passionate technologist with diverse experience including software design and development, quality assurance, product support, training, teaching, and product advocacy. I have a strong interest in mobile and emerging technologies.

Technical Skills

Android Architecture and Libraries: Kotlin, MVP, MVVM, Dagger 2, Realm, Retrofit, Firebase, Crashlytics, Glide, RxJava 2, JUNIT, Espresso, Robolectric, Play Services Libraries, Leak Canary, Mockito

Systems: Ubuntu Desktop and Server, Redhat, CentOS, OS X

Software: GitHub, Jenkins, Salesforce, JIRA, Confluence, Testlink, MySQL

Languages: BASH (Intermediate), JAVA (Advanced), SQL (Intermediate), Python (Beginner)

Professional Experience

HomeAway

Austin, Texas

6/2018 - Present

Senior Android Engineer

- Enhanced, refactored, and maintained the Search and Filter screens of the HomeAway Traveler Android app

Key Achievements

- Added dynamic filter service support to the Traveler App which provides more relevant filter options to travelers based on location and other search characteristics
- Migrated the search and filters from a traditional REST API to GraphQL
- Wrote a node.js GraphQL resource that takes an send an image and a polygon to identify to bounds that were drawn on a map and then return results based on the areas that were drawn
- Added an urgency messaging resolver to the GraphQL search resource that allows clients to get access to how booked a particular property or region is during a given a timeframe
- Performed dozens of code reviews on PR's from geographically and organizationally dispersed teams
- Daily coached and directed new hires and less experienced Android Developers in person and remotely on topics such as RxJava, Dependency Injection, Android SDK API's, and general software development practices and concepts
- Provided guidance and support for iOS engineers implementing features that were currently implemented on Android
- Attended and encouraged meetings to resolve outstanding organizational issues that required coordination from geographically distributed teams

HEB

Austin, Texas

6/2017 - 6/2018

Senior Android Engineer

- Architected, developed, and helped lead the delivery of the HEB retail Android app and upcoming HEB Curbside app

Key Achievements

- Resolved dozens of high impact bugs and security issues in the HEB retail app
- Implemented Instant App and MVP architectures in the upcoming HEB Curbside app utilizing Dagger 2, RxJava 2,

and the repository pattern for the data layer. Created a template for the team to follow when creating new modules that enabled easy unit testing of business logic in the presenters.

- Helped lead a diverse set of individual contributors with another Android lead to deliver consistent internal Curbside app releases
- Configured Jenkins and gradle scripts to upload build outputs from the master branch to automated testing utilities, security scan utilities, and Fabric Beta

Concordia University
8/2017 - 12/2017

Austin, Texas

Concordia University is a private university in Austin, Texas

Android Development Instructor

- Developed a course curriculum to transform primarily sophomore and junior level college students into Android Developers

Key Achievements

- Taught a class of 11 students how to be Android Developers using the Big Nerd Ranch Guide for Android Development
- Had students develop an application as a group as a capstone project
- Using the knowledge transferred in class, one of the groups developed an application that is being considered to be rolled out to the entire university and white labelled to distribute to other universities

Emeritus
8/2016 - 8/2017

Austin, Texas

Emeritus is a global education platform that delivers Ivy League education to students all around the world.

Android Developer

- Re-worked the login flow to reflect new design artifacts.
- Introduced Crashlytics
- Refactored the majority of the application to follow an MVP pattern, introduced JUNIT and Espresso testing, measured various performance metrics and refactored the application to improve performance

Key Achievements

- Wrote a chat application SDK that uses pubnub as the message bus and firebase as the file data store and replaced the Quickblox SDK with the homegrown SDK.

Freelance Android Application Developer
12/2014 – 8/2017

Austin, Texas

As a Freelance Android application developer I've had the opportunity to work on a variety of Android applications and overcome a diverse set of challenges.

Freelance Android Developer

- Contributed to the OpenStack Austin Summit application and the Android applications for KUT, KUTX, and ALT Latino.
- Added additional features to a picture sharing application that is used for customer service
- Created a prototype application that uses the Estimote SDK and Firebase to display promotional messages when a user is near a particular area or item
- Added additional features to and fixed bugs in a social application primarily focused on college kids named Drunk Mode

- Updated and enhanced an Android application that used bluetooth low energy to communicate with a gateway that tracked dog collars.
- Provided lead Android Engineer expertise for junior engineers at a local mobile agency

Key Achievements

- Added the UXTesting library and fixed bugs in the OpenStack Austin Summit application, published the Openstack Austin Summit to the Play Store
- Developed an application that allows you to authenticate users with OAuth2 without using a webview. The application completes the OAuth2 flow by using an asynchronous HTTP client and parsing the JSON responses
- Troubleshoot and fixed the ad mechanism in the KUT, KUTX, and Alt Latino applications
- Added additional features to a picture sharing application that was developed overseas and investigated issues with Facebook and Google+ login
- Added a User Profile screen to a social application that allowed users to take, select, or use a social network picture for their identity and add additional information to their profile
- Converted a remote location storage feature (breadcrumbs) to store location data on the device using GeoJSON in an effort to save power and backend storage. Used the repository pattern to save and access the data.
- Identified, investigated, and fixed numerous memory leaks in Drunk Mode using Leak Canary

General Assembly

Austin, Texas

5/2016 - 8/2016

General Assembly transforms thinkers into creators through education and opportunities in technology, business, and design.

Android Development Immersive Instructor

- Utilizing curriculum designed by Google, I taught a group of individuals with little to no programming experience how to be effective Android Application Developers.

Key Achievements

- Prior to the end of the course, one of the students received and accepted a job offer for an Android Developer position.

Quantum Interface

Austin, Texas

1/2015 – 8/2016

Quantum Interface revolutionizes the user experience with responsive, exponentially faster scrolling, navigating, selecting and managing content.

Android Developer

- Developed Android Wear application (QiLaunch Wear) and enhanced existing Android application (QiLaunch)
- Promoted Quantum Interface and educated individuals on the value of Qi's next generation user interface at CES 2016
- Performed alpha and beta testing on Android and Android Wear applications and provided feedback to developers and managers

Key Achievements

- Developed an Android Wear application and companion mobile application showcasing Quantum Interface technology
- Enhanced existing Quantum Interface Android application to provide a better experience by pre-configuring the application based on the user's smart-phone
- Implemented Crashlytics and taught other team members how to utilize it
- Setup continuous integration and added Quantum Interface's projects to Jenkins

- Deployed Artifactory as a repository for released products

Education

St. Edward's University

Master of Science

Major: Computer Information Systems

Overall GPA: 4.0

The University of Texas at Austin

Bachelor of Business Administration

Major: Management Information Systems

Minors: Finance and Accounting

Overall GPA: 3.5 Major GPA 3.5

Honors & Activities

- Founder and Organizer of the Austin Android Developers Meetup and Friendly Austin Meetup
- Six-time Ironman Triathlete
- Eagle Scout
- Academic Excellence – St. Edwards