

Software Developer

Experience

nuom | Android Developer November 2019 – Current

- Working on a large scale Android Application, direct communication with clients using agile development as well as participating in development sprints
- Working with Jira and Git in commercial projects
- Use of MVVM, Kotlin, Retrofit and RxJava2.
- Use of Realm and Firestore/Firebase.

Brunel University London | Software Developer September 2018 – September 2019

Part-time software development funded by HiDALGO project during my final year

- Developed an Android app to record, save, export and publish 'Search and Rescue' reports
- Developed a graph creation program that uses distance metrics to produce location graphs
- Collaborated and communicated with team members in weekly meetings
- Wrote 15,000 word dissertation detailing the research, development and outcomes of the Android application
- Awarded '*Queen Mary 2019 Engagement and Enterprise Award*' to the SAROBMED team, of which the mobile application was an integral part

Projects

Several Applications on the Google Play Store, including:

Sale Price: eBay Fee Calculator | Android Application

An Android application that calculates profit after various fees

- Designed, developed and published an Android application to Google Play Store
- MVVM, LiveData, Room & SQLite technologies incorporated
- Successful well-reviewed application with over 10,000 downloads

City Graph | Java Application

An application that creates graphs based on cities, with distance metrics as edge weights

- Open source application that consumes OpenRouteService API to find walking and driving distances
- Takes delimited text files of GPS locations and outputs a complete graph
- Manipulates data using JGraphT framework to create graphs

Education

Brunel University London | 1:1
Bachelors in Science in Computer Science

Graduated July 2019

Technical Skills

Languages: Java, Kotlin

Technologies: Android Studio, SQLite, Room, LiveData, Retrofit, RxJava, Realm