Qusai Zakir

Software Developer

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Experience

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

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 5000 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   Graduated July 2019
Bachelors in Science in Computer Science

Technical Skills

Languages: Java, C#
Technologies: Android Studio, SQLite, Room, LiveData, Retrofit