Moj Abubakr

Android Developer / London / dev.moj@gmail.com / LinkedIn / 2-3 years experience / *Last Updated: 12th January 2015*

Skills

- Java/C++/**Android SDK, libraries and frameworks** /Android Studio/Gradle
- **Git**/UI/UX/Animation/**continuous integration**/Trello
- Adobe Photoshop/logo and asset creation
- Adobe Premiere/film-making/photography
- Practical experience of the **development lifecycle**; from prototyping/wireframing to publishing/shipping.

- Created several C++ applications; these include a simplified airline booking system, Morse code translator and a Sieve Of Eratosthenes to determine prime numbers within a given range. The report on these applications can be found here.
- Created a GUI Java application to display an Archimedean Spiral with user given variables.The report on this application can be found here.
- Created a Java application which simulates several CPU scheduling algorithms such as FCFS, SJF and Round-Robin. The report on this application can be found here.

Projects

Will It Rain? - *Find out when it will rain near you. Get information for every minute of the next hour, or every hour for the next 7 days; Powered by Dark Sky.*

- Uses the Smart Location Library to streamline access to the Android location services API.
- Consumes **JSON** from the forecast.io **RESTful API** to display relevent data based on a given geographic coordinate.
- Built using the **Test Driven Development** methodology (TDD); tools used include **JUnit 4**, **Espresso** and **Mockito**.

PAD - Public Anonymous Diary. - *The PAD is a social platform for everyone. Share your stories with the world and be part of the global stream. No logins to mess with, so it's easy to get started in seconds.*

- Implements a complex RecylerView to display user generated content with the inclusion of images, text and feedback buttons.
- Stores configuration and user data in the **cloud** using the **Parse** Backend as a Service (BaaS).
- Consumes several API's to enhance the application. These include Giphy, Microsoft Translator API and Random Famous Quotes.

TIIK - Easy Buy. Easy Sell. - *The local buying and selling platform. Sell & buy locally - No login required!*

- Implements real-time chat using the Sinch API to handle backend publishing/subscribing.
- Features include image/camera capture, location services, sharing/liking content and geofenced results fetching.
- This application formed the basis for my final year project at uni as well inaugurating as my introduction into Android development. Source code can be found here.

Education

London South Bank University | BEng Computer Systems & Networks Engineering | *2013 to 2016*

Expected a 2:1 or higher.

Lambeth College - Vauxhall | Level 3 Access to Higher Education - Electrical & Electronic Engineering | *2012 to 2013*

Achieved 16 Distinctions (57 Level 3 Credits) within various Math and Electronic modules.