

Moj Abubakr

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Skills

- Java/C++/Android
 - Git/UI/UX/Animation
 - 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](#).
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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](#) API to display relevant data based on a given geographic coordinate.
- Built using the Test Driven Development methodology (TDD); tools used include [JUnit4](#), [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 [RecyclerView](#) 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](#).



TIHK - 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](#).
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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.