



Ebenezer Ackon

Computer Engineer

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Well rounded engineer that has worked in both hardware and software.

Work experience

Platform Engineer / Props by YouNow Manhattan, United States

Since July 2018

I wore multiple hats at YouNow. I worked as a protocol engineer writing smart contracts, and a mobile engineer working on iOS and Android platforms.

Achievements:

I was the only Android developer assigned to create the Props Wallet Android App. Tech stack includes Kotlin,, mvvm, LiveData, ViewModel, Room, Modularization, Coroutines, Koin, Retrofit, Firebase, Junit4, ect.

Upgraded and maintained iOS and Android open source SDKs.

Wrote smart contracts, one of which is for linking Ethereum wallet accounts.

SDLC of the Official YouNow YouNow application.

Android Software Engineer / Viacom Manhattan, United States

From September 2014 to July 2018

MTV | 99.3% crash-free, Comedy Central | 99.3% crash-free, VH1 | 99.8% crash-free, Paramount | 99.8% crash-free, Logo | 15.4k monthly active users| 99.5% crash-free, Bellator | 94.6% crash-free.

Over the course of my 4 years at Viacom I've worked on teams that consisted of 8 developers and teams that consisted of me being the only developer. I was an integral part of the complete mobile application develop lifecycle of Viacom's Android applications (mobile, TV). This consisted of the initial planning, tech discovery, architecting, testing, launching to the play store, and maintenance in an agile environment.

Achievements:

Launched VH1 fireTV in 2 months, written fully in Kotlin and tested.

Complete conversion of a legacy maven project to gradle when Gradle became the new standard.

Maintaining 7 apps with one codebase using flavors.

Intern Toughbook Engineer / Panasonic Newark, United States

From September 2012 to September 2014

Support managing engineering issues and requests.

Successful Wireless testing on prereleased devices containing Android and Windows OS.

Efficient GPS testing w/repeaters, environmental testing in anechoic chambers, stress tests, and wireless module maintenance.

Student Telecom and Networking Technician / New Jersey Institute of Technology

Newark, United States

From September 2011 to September 2012

Successful maintenance of student computers and installation of Catalyst Switches

Programming skills

Kotlin



Java



Android



Architecture Patterns



Solidity



Algorithms



Python



Version Control - git



Android skills

Application Monitoring - Fabric, New Relic



Asynchronous and Synchronous - Coroutines, RxJava



AAC - LiveData, Room, ViewModel



Firebase Suite



Unit Testing



Continuous Integration - TravisCI, CircleCI



Dependency Injection - Koin, Dagger



Restful Apis - Retrofit, Volley, OkHttp



Modularization



Voluntary experience

Volunteer / [Atlantic Armory homeless shelter](#) Brooklyn, United States

Since January 2018

Supervisor / [Father's Heart Food Pantry](#) Manhattan, United States

Since January 2017

Group Leader / [Rescue Alliance](#) Manhattan, United States

From January 2017 to November 2017

Volunteer / [St. Joseph's Soup Kitchen](#) Manhattan, United States

From January 2016 to April 2016

Mentorship

UP mentor | [Viacom](#) | August 2016

Assist high school students in their senior business projects

ScriptEd Guest speaker | [Viacom](#) | July 2016

Gave a public talk to a group of highschool students on the importance of commenting your code and writing clean code in Javascript. Afterwards, reviewed students javascript code and mentored them.

Viacom Hackathon Sponsor | [Viacom](#) | January 2015

Represent Viacom at New Jersey Institute of Technology and Kean University. Mentored students on their Hackathon Ideas during hacking.

NJIT Capstone sponsor | [Viacom](#) | July 2016

Represent the client to a group of college seniors and guide them as they provided us with deliverables to complete their project

Education

Bachelor of Science in Computer Engineering / [New Jersey Institute of Technology](#)

Newark, United States

From September 2009 to May 2014

Major: Computer Engineering

Minor: Computer Science

Specialization: Wireless Communications

Courses:

Circuits and Systems I & II, Electronics I, Computer Architecture and Organization, Digital Data Communications, Computer Communication Networks, Wireless Communication Systems, Data Structures and Algorithms, Programming Language Concepts, Database System Design and Management, System Analysis and Design, Engineering Management, Digital Design, Microprocessors, Discrete Analysis, Digital Test

Full Stack Web Developer Nanodegree / [Udacity](#) Online

From January 2017 to July 2017

Front end: Multiple different frameworks

Backend: SQL, postgresSQL, Linux Servers

Languages: Python, CSS, HTML, Javascript

Related Projects:

Linux Server Configuration, Neighborhood Map, Multi User Blog, Build a Portfolio, Item Catalog

Hardware skills

Transceivers



Assembly



Soldering



Microcontrollers - Arduino, ARM



Circuit Design



Awards

The Daily Show Hackathon

Finalist |The Daily Show | March 2016

My team and I were finalist for creating a "what if" scenario of the of oval office in the white house if Donald Trump was to win and become president. The oval office was full of gags based on the context of Donald Trump's quotes through the election. The project was programmed in Unity, and the 3d modeling was done in Maya. A real trump impersonator helped us make our voiceovers because of a teammates connection with at FunnyOrDie. Our project was used by the company and contracted out.

NJIT Hackathon Winner | NJIT |

December 2015

Won 1st in an android wear hackathon sponsored by PSK at the New Jersey Institute of Technology. My project was a find your phone application.

 @EbenezerAckon

 @EbenezerGH

 @in/ackon