

Armand Gray – Android Engineer

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Android Engineer

[LinkedIn](#) – [Github](#) – [Personal Website](#)

SF Bay Area, CA

Skills | Android, Java, Dagger2, RxJava, Retrofit, C++, C, ReactNative, JS, Go, MySQL, AWS, NGINX

Experience

Android Engineer II @ Skillz Inc. (Mid-Level ≈ 3 yrs exp.)

July 2017 – Present

- Responsible for Android architecture/ design & leading engineering pod of 5 developers & on-boarding.
- Introduced MVC architecture with modularization backed by new Dagger2 & RxJava integrations.
- Completed 87.7% of Android NDK, C++/C, UDP Client achieving x5 increase in user games played.
- Promoted after 6 months for leading Android technical initiatives in ReactNative SDK.

Coding Instructor @ Dev Mission

July 2017 – Present

- Instructing CS Principles/ Android/ Core Java at open lab coding sessions for SF young adults of color.

Full Time 6th & 7th Grade Teacher @ Teach For America (TFA)

August 2014 – May 2017

- Taught 7 classes of 25 – 35 students teaching material across 6th & 7th grade every day.
- Implemented extensive data tracking algorithm reaching 120 students with personal progress reports.

Open-Source Contributions/ Independent Projects/ Hackathons

netcode.io

- Implemented two-socket support for ipv4 & ipv6 binding in Open-Source C Networking library.

TAAP

- Sports Performance App built with MVC & Test Driven Dev. achieving 90% testing coverage.
- Applied multi-table SQLite schema with CRUD access through custom Content Provider.

Bloc One

- Project Management Android App built using Firebase server-side management.
- Parsed live data retrieved from Firebase Real-Time Database creating user project library.

SeeMe

- Social Networking Android App built by extending DeveloperWeek 2016 Hackathon project.
- Developed Go API server deployed on AWS with NGINX port forwarding connecting to MySQL.

Education

Android Developer @ Dev Mission

July 2017

Masters in Urban Education – Literacy @ Loyola Marymount University

Dec. 2016

Bachelor of Arts in Mathematics & Africana Studies @ Pomona College

May 2014