

# Armand Gray – Android Engineer

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**Android Engineer**

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

**SF Bay Area, CA**

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

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## Experience

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### Android Engineer II @ Skillz Inc.

**July 2017 – Present**

- Leading Engineering Pod of 5 developers and successfully on-boarded 6 new hires.
- Introduced MVC architecture with modularization backed by new Dagger2 & RxJava integrations.
- Independently integrated C++/C lib. using Android NDK completing 87.7% of UDP Client development.
- Promoted after 6 months for leading Android technical initiatives in ReactNative SDK.

### Coding Instructor @ Dev Mission

**July 2017 – Present**

- Responsible for planning and instructing weekly open lab coding sessions for SF young adults.

### Full Time 6<sup>th</sup> & 7<sup>th</sup> Grade Teacher @ Teach For America (TFA)

**August 2014 – May 2017**

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

## Open-Source Contributions/ Independent Projects/ Hackathons

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### 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

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**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**