

# ANNMARGARET TUTU

## Android Native Engineer

More information and projects available at [codeamt.github.io](https://codeamt.github.io), [LinkedIn](#) and [GitHub](#).

### Selected Projects

**BlockchainAndroid** A blockchain Android app implemented in Java; end-to-end, from spec and design to Google App Store-ready.

**PopMovies** a movie discovery app (written in Java) that makes use of TheMovieDB API and the YouTube Player API for Android. This app takes special attention to Network Services and optimizing offline mode as well as UX/UI design.

**Build It Bigger** A multi-project build of a joke-telling app consisting of 4 modules: a Java library, a Google Cloud Endpoints (GCE) server backend deployment, an Android library, and a flavored Android application.

**XYZ Reader App** A mobile app redesign that takes in user feedback and implements feature requests that incorporate Material Design principles.

### Relevant Experience

#### Mobile Software Engineer - Android

Freelance || January 2019 - Present

- Developed 10+ full lifecycle Android apps (Java) using the Android SDK
- Keen on MVVM architecture/developing with open-source dependencies
- Skilled at UI redesigns guided by Material principles for accessible UX
- Proficient debugger/unit tester; participated in 5+ rigorous code reviews
- Pivoting to mobile on 3+ years of DevOps/software engineering experience

#### Co-founder, Lead Developer/Growth Hacker

Blagbox, LLC || March 2015 - December 2017

- Optimized marketing channels for search for creative brands and SMBs
- Developed 15+ web landing pages/ecommerce sites with digital assets
- Managed social listening tools for analytical insights on KPIs/A/B Testing

#### Data Visualization Engineer (Remote)

Pagos, Inc. || September 2014 - March 2015

- Reported to the CEO on a remote, startup team of engineers/marketers
- Develop 10+ Tableau-like dashboards/video tutorials to support sales
- Published a [whitepaper](#) on enterprise Business Intelligence (Bi) SQL stacks

### Education

#### Bachelor of Science, Film & Television

Boston University || May 2013

#### Android Development Nanodegree

Grow With Google Scholarships, Udacity || March 2019

#### Advanced Data Science Specialization

IBM, Coursera || February 2019

### Contact Information

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### Frameworks & Specializations

**Workflow:** Android Studio, Gradle

**APIs:** Retrofit, Dagger, Volley,

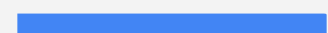
**Unit Testing:** Espresso

**ML/DL:** PyTorch, TensorFlow, DL4J

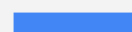
**Blockchain:** Truffle, Web3J

### Skills

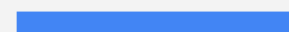
Java



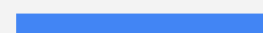
Kotlin



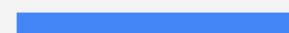
Sketch



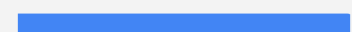
Networking/Architecture



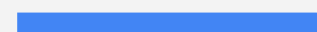
Widgets



SQL/RoomDB



Testing/Documenting/Debugging



### Activities

#### Working Group Researcher

MD4SG || 2019 - Present

#### International Fellow

fast.ai Live || 2019

#### Android Student Leader

Grow With Google/Udacity || 2018

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