ANNMARGARET TUTU
Software Engineer for Web & Mobile
More information and projects available at codeamt.github.io, LinkedIn and GitHub.

Selected Projects

AWS Bitcoin Mining a complete DevOps tutorial on how to configure a single-instance cloud-based bitcoin miner with AWS Virtual Machines.

Build It Bigger A multi-project build, flavored Android joke-telling mobile app with a Google Cloud Endpoints (GCE) server backend deployment.

EthICO a decentralized JavaScript app for Initial Coin Offerings (ICOs), bundled with webpack.js; used Truffle to test/deploy smart contracts.

WindFarmSpotter a containerized REST-ful wind farm capacity image inference API with deployments for web and SWAP/aarch64 hardware.

Relevant Experience

Software Engineer - Blockchain, Machine Learning & Android
Freelance || January 2015 - Present
- Developed 15+ tested web/mobile applications in multiple OOP languages
- Experience with relational/non-relational databases; SQL querying on data
- Proficient in TDD, library integration, and building scalable, REST-ful APIs
- Skilled at prototyping/designing Material UI/UX using frontend frameworks
- Proficient in Linux bashing/DevOps, Docker, documentation and git control

Co-founder, Lead Developer/Growth Hacker
Blaqbox, 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 small, remote, team of engineers/marketers
- Develop 10+ executive dashboards/video tutorials to support sales
- Published a whitepaper on Business Intelligence (Bi) SQL architecture

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

Deep Learning Specialization
deeplearning.ai, Coursera || March 2018

Contact Information

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Frameworks/Tools

Frontend: React.JS, Vue.JS
ML/DL: PyTorch, Keras/TensorFlow
APIs: Flask, Kitura, Retrofit
DBs: PostgreSQL, MongoDB
Dev: Git, Linux, SSH, Docker

Programming Languages

Python, Flask, Machine Learning

JavaScript, Node.js, React.js

Java, Kotlin, Android Native

Swift (Server-Side), Kitura, S4TF

Ethereum, Solidity, Web3, Truffle

Ruby on Rails, PHP, WordPress

Debugging, Automation

Research Communities:

Working Group Researcher
MD4SG || 2019 - Present

International Fellow
fast.ai Live || 2019

Diversity & Inclusion Fellow
ICML || 2019

Android Student Leader
Grow With Google/Udacity || 2018

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