

ANNMARGARET TUTU

Blockchain Software Engineer

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

Selected Projects

[AndroidBlockchain](#) is a Java-based implementation of a PoW blockchain network integrated with Firebase API for authentication and file storage.

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

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

[How to launch Swarm for \[Ethereum\] dApp Testing](#) an end-to-end walkthrough of configuring Swarm API for decentralized storage/testing

Relevant Experience

Software Engineer - Blockchain

Freelance || January 2015 - Present

- Developed 10+ Ethereum protocol dApps in JavaScript (Node.js/React.js)
- 5+ years of DevOps experience configuring cloud mining infrastructure
- Skilled smart contract debugger using developer tools (e.g., Truffle, Remix)
- Knowledgeable about modern platforms (e.g., Hyperledger Fabric)

Co-founder, Lead Developer/Growth Hacker

Blaqbox, LLC || March 2015 - December 2017

- Optimized marketing channels for search for creatives and SMBs
- Developed WP/Shopify ecommerce sites, designed marketing assets
- Utilized social listening tools to monitor/increase 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

📞 867-600-9277

🏠 7 Briarwood Drive
N. Providence, RI 02911

✉️ annmargaret.tutu@icloud.com

Frameworks, Protocols, Tools

JS: React.JS, Vue.JS, Node.JS

Protocols: PoW, PoS, PoB

APIs: Web3.js, Infuria, Swarm

Contracts: Solidity, Truffle, Ganache

Dev: Git, Linux, SSH, AWS, Docker

Programming Languages

JavaScript, Python

Web3, Ethereum

Solidity, Smart Contracts

IPFS, Swarm, Infuris, Oracle API

Hyperledger Fabric/Composer

Cloud Architecture/Computing

Research Communities:

Working Group Researcher

MD4SG || 2019 - Present

International Fellow

fast.ai Live || 2019

Diversity & Inclusion Fellow

ICML || 2019

Android Development Leader

Grow With Google/Udacity || 2018

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