Drew T. Bayles

Provo, UT

(973) 979-7973 | dtbayles@gmail.com | drewbayles.com

## Education

Brigham Young University Provo, UT

*Bachelor of Science in Computer Science (Emphasis in Software Engineering)* Apr 2023

* Minor: Africana Studies
* GPA: 3.85 / 4.00
* Relevant Coursework: Algorithm Design & Analysis, Data Structures, Database Modeling, Discrete Mathematics, Linear Algebra, Software Design, Software Entrepreneurialism, Systems Programming

## Experience

TaxBit Draper, UT

*Software Engineer Intern* Jun 2022 – Mar 2023

* Built and maintained a validation system capable of validating and ingesting 100M+ crypto transactions daily
* Monitored and tested endpoints via Postman - increased bug detection and communication to non-engineers
* Resolved CCXT sync failures - fixed bugs, ensuring seamless data integration across multiple systems

AppsTango LLC Lehi, UT

*Security Specialist* May 2021 – Apr 2022

* Principle security auditor for all company AWS accounts (25+)
* Ensured database security, user access integrity, API encryption, and documentation

*Project Manager* Dec 2020 – Apr 2022

* Led design and feature-related engineering priorities for 15+ mobile and web-based apps
* Managed teams of 4-8 offshore software engineers via Jira using agile principles

Naccarato Leadership Center LLC Provo, UT

*IT Specialist* Dec 2019 – Dec 2020

* Managed a database of 30,000+ clients and enhanced weekly email deliverability/security to each client
* Collaborated with marketing to develop innovative approaches that increased client signups
* Explored scripting in Python, Objective-C, and JavaScript to improve productivity of day-to-day tasks

## Leadership & Service

The Church of Jesus Christ of Latter-day Saints Cape Coast, Ghana

*Volunteer Representative* Sep 2017 – Aug 2019

* Led and instructed 8-24 other volunteers to increase productivity, communication, and problem solving
* Designed and conducted weekly/monthly volunteer training to follow up on and set high goals
* Planned and delivered 20+ weekly lessons on life skills and behavioral habits

## Projects

Python Trading Bot

* Developed a trading bot using Python and TD Ameritrade’s developer API that tracks market trends and executes trades based on user-defined criteria
* Utilized AWS to host and run the bot, allowing for scalability and easy maintenance
* Implemented a backtesting tool to test the bot’s performance and optimize its parameters

## Awards, Skills & Interests

* BYU Africana Studies Student Symposium Finalist - "Islamic Reform in Northern Nigeria"
* FRC Robotics team world championship qualifier for 4 consecutive years
* Mallet percussion – performed in wind, percussion, and regional audition-only ensembles for 6+ years
* *Eagle Scout*, Boy Scouts of America, 2017