Drew T. Bayles

Provo, UT

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EDUCATION

Brigham Young University — Provo, UT
Bachelor of Science in Computer Science (Emphasis in Software Engineering) — Expected 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 — June 2022 – Present
- Built and maintain a validation-webhook ingesting 100M+ crypto transactions daily
- Monitor and test endpoints via Postman - increasing bug detection and communication to non-engineers
- Skills: TypeScript, AWS, Serverless, CircleCI, Postman, Bitbucket

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