

Drew T. Bayles

Provo, UT

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EDUCATION

Brigham Young University

Bachelor of Science in Computer Science (Emphasis in Software Engineering)

Provo, UT

Expected Apr 2023

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

EXPERIENCE

TaxBit

Software Engineer Intern

Draper, UT

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

Security Specialist

Lehi, UT

May 2021 – Apr 2022

- Principle security auditor for all company accounts (25+)
- Ensured database security, user access integrity, API encryption, and documentation
- Trained on-site for AWS Cloud Practitioner certification

Technical Project Manager

Dec 2020 – Apr 2022

- Led design and feature-related engineering priorities for mobile and web-based apps
- Managed teams of 4-8 offshore software engineers via Jira using agile principles
- Assisted in architecting 10 custom projects using AWS technology stacks

Naccarato Leadership Center LLC

IT Specialist

Provo, UT

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

Community Development Network 501(c)(3)

Information & Communications Technology (ICT) Intern

Bountiful, UT

May 2020 – Jul 2021

- Worked on an interdisciplinary team focused on expanding global access to literacy and self-reliance content
- Distributed surveys and analyzed data to plan an Open Educational Resource online portal in West Africa
- Managed development of a low-broadband portal targeted towards rural individuals with low connectivity

LEADERSHIP & SERVICE

The Church of Jesus Christ of Latter-day Saints

Volunteer Representative

Cape Coast, Ghana

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

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