Justis Brown

| nworbcj@gmail.com | linkedin.com/in/justis-brown/ | justisbrown.com

EDUCATION

Master of Information Systems Management   Apr 2023
Brigham Young University - Marriott School of Business   *Provo, UT*
- GPA 3.94/4.00
- *Courses:* Web Development (JavaScript/HTML/CSS/Node.js), Cloud Computing (AWS), Data Communication (how the internet works), Python-Django, Advanced SQL and DB Management, ASP.Net C# MVC core, UI/UX Design, Capstone
- *Capstone:* IS Advisory Board Choice Award – de facto 1st place – healthcare pricing transparency web app built with React.js, Node.js, Express, AWS, and Postgres

EXPERIENCE

Full-Stack Developer   Oct 2021 – May 2023
Old Assyrian Research Environment - BYU (oare.byu.edu)   *Provo, UT*
- Solved 40% of all closed GitHub issues in 2022 while being on a 3–6-person team
- Created 85+ key search functionalities, pages, and CRUD features for streamlining research while leveraging Vue.js, TypeScript, Node.js, AWS, and MySQL
- Built and tested HTTP-based RESTful APIs for ease of communication with a research database containing over 15 million records
- "Pursues solutions effectively with far less oversight from the team lead than the other five coders on the project" – Faculty Supervisor

Teaching Assistant   Jan 2021 – Dec 2021
BYU Information Systems Dept -- Intro to IS Management   *Provo, UT*
- Supplemented course materials through clear communication of course topics such as basic cyber security, VBA, and web development (HTML/CSS)
- Mentored and advised over 600 students in a virtual TA lab
- Guided students in implementing best practices for writing and debugging code

Volunteer Representative   Oct 2016 – Oct 2018
The Church of Jesus Christ of Latter-day Saints   *Nairobi, KE*
- Coordinated with other volunteers to strengthen and uplift both members and non-members
- Learned to truly love and admire other cultures and languages
- Trained and managed 20 other volunteers for 3 months

SKILLS & ACHIEVEMENTS

- Proficient in Vue.js, frontend/client-side (JavaScript/Typescript/HTML/CSS), backend/server-side, Version Control (Git and GitHub), Python, web application development, debugging/troubleshooting, functional programming, and agile development principles
- Experienced with React.js, Unit-Testing (Jest), functional testing, CI/CD Pipelines (Workflows and AWS), package managers (NPM and Yarn)
- *Security Courses:* Defensive Security, Offensive Security, Penetration Testing, Digital Forensics, Red Team Blue Team Security
- *Data Analytics and Machine Learning Courses:* Advanced Machine Learning w/ Python, Advanced VBA, Advanced Data Analytics (Python & R), Advanced Analytics w/ Excel
- Member of Association for Information Systems (AIS)
- Conversational in Swahili
- Eagle Scout (2013)