Benjamin White

505-615-7585 | vcbenj@gmail.com | https://www.linkedin.com/in/benwhite-/

Education

Brigham Young University - Idaho   September 2015 - July 2021
BS, Computer Science   Rexburg, ID
- GPA - 3.68

Work Experience

Accendero Software   October 2021 - Present
Junior Software Engineer, 40+ hours per week   Idaho Falls, ID
- Developed and maintained testing frameworks using Python to provide end-to-end integration testing for several web applications reducing flakey tests by over 100% in the CI/CD pipeline
- Improved frontend code quality in ReactJS ensuring compliance with testing standards and adding selectors to code improving testing compatibility for over 10 engineers
- Optimized testing frameworks by improving testing data and deployment scripts using .YAML and JSON files
- Updated documentation on multiple projects describing standard testing procedures to clients and engineers, removing redundancy and detailing quality assurance policies in over 80 tests

Sandia National Laboratories   June 2020 - October 2021
Intern, 10 to 40 hours per week   Albuquerque, NM
- Deployed a malware testbed across several virtual machines to allow testing for malware data to be examined and processed for dozens of malicious programs to be researched
- Designed and implemented scripting in Python and Bash to automate malware processes and integrate on various systems including Windows and Linux, collecting and analyzing API calls
- Researched over 30 malware techniques and live samples, by extracting and compiling to specific systems by spoofing DLL's into ongoing processes

Brigham Young University-Idaho CS 101 TA   April 2019 - April 2020
Teacher Assistant   Rexburg, ID
- Redesigned python scripting to pull students submissions and grade work saving dozens of hours each semester in manual grading
- Instructed students with no prior background to code explaining computer science concepts and teaching classes; assisting over 300 students with projects and topics

Blakes LotaBurger IT Department   May 2015 - August 2015
IT Technician   Albuquerque, New Mexico
- Maintained store's tech by communicating with managers, testing networks, and physically installing and fixing new and broken hardware ensuring over 80 locations remained functional

Relevant Projects

Climbing Software Web App   April 2022 - Present
Software Engineer   Rexburg, ID
- Built a frontend and backend web app using Reactjs, Django Python, and REST api's to provide Rock Climbing gym's with data on customer's feedback optimized route quality

Tools

- Python, Selenium, Django, Rest APIs, Scripting, Flask
- Linux, Networking, Bash, Github, Powershell, SQL, NoSQL
- HTML, JavaScript, Node JS, ReactJS, AWS, C/C++, Java, C#

Certifications

- AWS Cloud Practitioner