Brayden Wood

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EDUCATION

Brigham Young University | Pursuing B.S. in Computer Science — Expected April 2022

- Major GPA: 4.0 | Cumulative GPA: 3.95
- College of Physical and Mathematical Science Dean's List

EXPERIENCE

Quality Assurance Programmer — Jan. 2020 - Present

BYU Continuing Education | Provo, UT

- Maintained over 300 web application interface tests that use the Selenium testing framework and used these tests to find and report bugs.
- Designed and developed over 30 new Selenium tests to test new features as they were added to the web application.
- Worked on a quality assurance team ensuring the correct functionality of hundreds of bug fixes and new features.
- Processed hundreds of user bug reports and new feature requests and gathered requirements for them.
- Trained 3 new team members on how to write tests and do quality assurance effectively.

Solar Site Surveyor — June. 2019 - Oct. 2019

Kuubix Inc. | Visalia, CA

- Worked with over 20 different city government building/planning departments to apply for and retrieve necessary building permits.
- Traveled to customers' homes throughout the state of California to take roof measurements and draw the plans necessary for the installation of the solar system.
- Worked directly with customers to answer questions and provide additional information about their solar system

SKILLS

- Java, Python, C++, Javascript, Coldfusion, HTML, CSS, SQL
- Git, Github, Bitbucket, Jira
- Visual Studio, Intellij, Android Studio, JUnit, Selenium, AWS, Vue
- Bilingual (Native English speaker, fluent in Spanish)

PROJECTS

Twitter Clone Android Application

- Implemented MVP architecture on the client app and used AWS Lambda, S3, API Gateway and DynamoDB to implement the backend services.

Datalog language interpreter

- Built a lexer and a parser to tokenize and interpret Datalog code. Used graphs to model dependencies between rules within Datalog programs and used those graphs programmatically to make the interpreter more efficient.

Raspberry Pi Bicycle speedometer

- Wrote a python script on a Raspberry Pi along and used a small display screen and physical input into the Raspberry Pi to track my speed and mileage on my bike.