

Dylan Bradford (He/Him)

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<https://github.com/bradfordd>

<https://bradfordd.github.io/devportfolio/>

Experience

QA Automation Engineer for Webstaurant

May 2022-Present

- Determined issues with the Automation framework and the Webstaurant store website itself through investigation of error reports created by nightly runs of regression test cases which utilized Selenium and were coded in Groovy. An example of an error that I have found being an issue involving certain items offered by our storefront not being removed from the user's cart upon clicking the 'Remove From Cart' prompt.
- Utilized Git and Azure DevOps heavily for version control and to receive approval from senior QA Automation engineers within our Agile QA team for my refactoring of existing test cases to create more robust and accurate bug reports, and to have test cases that I personally created added to the framework.
- Refactored over three-hundred test cases within our framework to allow test cases to optimize test case execution and produce error messages that allow for much easier diagnosis of issues with our framework and/or the WebstaurantStore site.

Education

Bachelor of Science in Computer Science, University of South Florida, Tampa, FL

August 2018-May 2022

Overall GPA: 3.39 / 4.0 Major GPA: 3.26 / 4.0

Skills

Coding Languages: C, C++, C#, Java, Javascript (React, Node, Express), Python, HTML, CSS, Groovy

IDEs: Eclipse, Visual Studio, IntelliJ IDEA, Pycharm, Android Studio

Cloud Platforms: Amazon Web Services (AWS), Google Cloud

SW Development: AGILE (Sprint Planning, Retrospective, Effort Sizing, Standup), Azure DevOps, Git, Jira

Databases/APIs: MongoDB, Firebase, SQL, Postgres, RESTFUL API, Postman

QA Concepts: Regression Testing, Acceptance Testing, Unit Testing, Defect & Bug Discovery, SQA Tools, Tracking, Logging, and Reporting of Bugs, Program Logic and Optimization, Edge-Case Testing, White-Box testing, STLC

Testing frameworks: Pytest, Selenium, Webdriver, Mocha, Chai

Key Projects

Senior Project for Computer Science and Engineering

January 2022 - May 2022

- Designed and developed a MERN Stack application alongside a group of USF CSE students to be utilized by a school and its staff for Reliaquest Computer Security Service as my Senior Capstone project.
- Initialized the entirety of the MongoDB backend, and created the routing using Express.js for the MongoDB backend to be utilized by our React frontend. Created and implemented models for the application's data entries and their relations. and encrypted sensitive portions of user data to produce a more secure application.
- Wrote the functions for the frontend (React) to execute the CRUD functions required by the application using RESTFUL API. Testing of RESTFUL API calls was done using Postman.

Nosh Food Delivery Service App for Android

January 2022 - May 2022

- Developed a Food Delivery Service application for USF. This app would allow for both students the ability to order food from various restaurants anywhere on the USF Campus, and provide delivery drivers with an easy to use interface for picking up orders and delivering them to the correct customers shown through Google Maps API.
- Used Android Studio as our IDE and Firebase for our backend. I developed the customer activity within the application, which involved designing the UI that allows customers to scroll through various restaurants and food items offered and make a selection. As well as provide drivers with the customers location using Google Maps on checkout.