

HARLI BOTT MURRAY

S O F T W A R E E N G I N E E R



EDUCATION

The University of Georgia BS Computer Science
August 5, 2019

The University of Georgia MBT
May 2022



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LANGUAGES

Java
Python
JavaScript
C++
MySQL

FRAMEWORKS AND TOOLS

HTML / CSS
Node.js
Android Studio
AWS
Jenkins
Github
Django
Agile Development

EXPERIENCE

Software Engineer

Cox Enterprises | September 2019 - Present

- Work with a team of 20+ software engineers and testers to maintain and implement the worlds largest wholesale auto auction under the Cox Enterprises branch, Cox Automotive.
- Gathering and consolidating features and services from all business partners to introduce new and exciting opportunities to the dealer community.
- Implement an entire website relaunch and update from scratch using various technologies such as AWS, Jenkins, Node.js, React, and more.
- Adopted an agile scrum project management methodology.

Ground Station Software Engineer

Small Satellite Research Lab | March 2018 - March 2019

- Worked with a team of professors, graduates, and undergraduates to launch new and innovative technologies into space by utilizing the Cube-Satellite platform.
- Worked closely with sponsors: The United States Air Force and NASA.
- Developed ground station controls interface and communication for the cube-sats with the purpose to take spectral images of the Georgia coast to promote clean water.
- Made use of Python to drive functionality and communicate with the satellite while in orbit, as well as HTML, CSS, and JS to display data processing in a readable form for user modularity.

EXPERIENCE

Web Developer and Designer

Momentum Management | March 2020 - Present

- Designed, implemented, and coordinated Momentum Management's new website
- Worked with marketing employees and managers to meet deadlines, create custom content, and provide a working website.
- Created website in square space for company to be able to customize their website through their own accounts.
- Linked personal domain to website.
- Designed website to match profession and target goal.

Software Engineer Intern

Cox Enterprises | May 2018 - August 2018

- Developed a client care contact form for Manheim.com, the worlds largest wholesale auto auction under the Cox Enterprises branch, Cox Automotive.
- Used full-stack development for the purpose of client assistance. Implemented using AWS and Java for ease of cloud integration.
- Adopted an agile scrum project management methodology.
- Worked with the same team as present position.

Teaching Assistant

The University of Georgia | August 2018 - December 2018

- Worked closely with a professor in teaching the course Software Development to 200+ students.
- Helped guide future software engineer's in jobs, internships, and software related projects.
- Responsibilities included, but were not limited to: Holding weekly office hours, meetings, online question answers, and grading projects, test, and quizzes.