

Education

University of Alabama at Birmingham
UAB College of Arts and Sciences, Computer Science and Mathematics
Bachelor of Arts in Computer Science
Anticipated Graduation Date: Spring 2022

Honors, Awards, and Extracurricular Experiences

NASA Space Grant Scholar
Vice President of UAB Cycling Club
Member of Birmingham Astronomical Society
Mu Alpha Theta Mathematical Honors Society
Zoo-Fari Volunteer at the Birmingham Zoo

Work Experience

UAB Research Computing IT — Birmingham, AL 02.12.2020 - present
Software Developer

- Builds CI/CD pipelines via Jenkins to automate linting and test processes
- Developing a script using the Globus API, python, and matplotlib to transfer reference data sets and records the performance of each set
- Uses Flask, MySQL, CSS, HTML, and Python to create an employee management web application

Command Alkon — Hoover, AL 06.020.2019 - 12.23.2019
QA Software Engineer Co-op

- Programmed automation tests in JavaScript and python to validate new functionality in upcoming release of CommandSeries and CommandTrack software
- Analyzed and fixed daily production runs
- Participated in Agile-Scrum development process, utilizing Atlassian JIRA for each sprint's issue management
- Some commonly-used tools and technologies include python, JavaScript, SQLite, SQL, Git, TestComplete, BitBucket, SourceTree, and Slack

Technical Skills

- Languages regularly used: Python, C, C#
- Languages occasionally used : Java, Javascript, C++, SQL, Ruby
- Relational Databases: MySQL, PostgreSQL, SQLite
- Code build, test and deploy: Linux, Mac, Git, Github, Gitlab-CI
- Relevant concepts: algorithm design, data structures, object oriented programming, and complexity analysis