

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: Fall 2021

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

06.20.2019 - 12.23.2019

UAB Research Computing IT — Birmingham, AL
Software Developer

- Builds CI/CD pipelines via Jenkins to automate linting and test processes
- Transfers reference data sets and records the performance of each set
- Uses Flask, MySQL, CSS, HTML, and Python to create an employee management web application

UAB Computer Forensics Research Lab - Birmingham, AL
Software Developer

02.012.2020 - Present

- Builds software-tools to investigate human trafficking, social media, drugs, and other various cyber crimes.
- Participated in daily standup meetings to address issues or new ideas
- Maintains and creates new identities on darkweb marketplaces in order to gather threat intel.
- Some commonly-used tools and technologies include python, SQLite, Git, and C++.

Technical Skills

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