Clinton Campbell

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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

Shipt — Birmingham, AL   05.12.2021-present
Software Engineer (Site Reliability)

• Created an alert system using a cronjob to remind engineers to add
Thanos Sidecar environment variables to Thanos Query Layer
• Used python Locusts and Requests library to load test Shipt's Thanos
Query Layer (object storage) and Storage Gateway
• Redesigned Shipt's service alert web-page and Slack modal

UAB Research Computing IT — Birmingham, AL   02.12.20 - 04.11.2021
Software Developer

• Built CI/CD pipelines via Jenkins to automate linting and test processes
• Developed a script using the Globus API, python, and matplotlib to
transfer reference data sets and records the performance of each set
• Used Flask, MySQL, CSS, HTML, and Python to create an employee
management web application
• Used python's scikit-learn XGBoost ML algorithm to make data transfer
speed predictions between each endpoint

Technical Skills
• Languages regularly used: Python
• Languages occasionally used : Java, Javascript, C++, SQL, Go
• Relational Databases: MySQL, PostgresSQL, SQLite
• Code build, test and deploy: Linux, Mac, Git, Github, Gitlab

• Relevant concepts: algorithm design, data structures, object oriented programming, and
complexity analysis, CAP Theorem
• Relevant technologies: Kubernetes, Prometheus, Thanos, Grafana, Gremlin, Scalyr,
Rollbar, and Jenkins