

Logan Miles

[LinkedIn](#) • [GitHub](#) • [Personal Website](#)

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Candidate Profile

A recent graduate from the University of Alabama at Birmingham with a Bachelor of Science in Computer Science. Brings experience in computer programming and business environments, along with a service-oriented mindset and a resourceful, team-focused approach. Recognized for quickly learning new concepts, handling complexity with patience, and consistently demonstrating responsibility and trustworthiness. Proven academic success, strong oral and written communication skills, and a clear drive to succeed.

Developed Technical Skills

- C, C++, Java, MATLAB, ASM, and Python
- HTML and CSS
- Flask Framework
- PostgreSQL and MySQL
- Terraform Cloud Configuration
- Computer Hardware
- Networking
- Docker
- Unreal Engine
- Google Cloud Platform

Education

Bachelor of Science, Computer Science

Graduated May 2025

GPA: 3.88/4.00

University of Alabama at Birmingham (UAB), Birmingham, Alabama

- Magna Cum Laude
- Distinguished Honors
- Member of the Phi Kappa Phi Honor Society

Work Experience

Cloud Engineer – Motion (Genuine Parts Company)

May 2025 – Present

1605 Alton Rd, Birmingham, AL 35210

- Supporting the management and maintenance of cloud infrastructure for business applications
- Assisting with client integration and implementation of cloud services for application and product teams
- Monitoring system performance and analyzing capacity to help improve stability and reliability
- Contributing to root cause analysis and remediation of outages and performance issues

Cloud/Site Reliability Engineering Intern/Co-op – Motion (Genuine Parts Company)

May 2024 – May 2025

1605 Alton Rd, Birmingham, AL 35210

- Collaborated with team members to export cloud billing information from Google Cloud Platform to create a billing dashboard, increasing cloud spending visibility within IT and improving FinOps.
- Wrote documentation for Terraform IAC resource modules used within the motion.com GCP.
- Attended meetings with both Motion and GPC teams to create connections and better understand business operations within different departments.
- Gained a deeper understanding of cloud operations and architecture within a business.
- About 40 hours committed per week during the Summer (24 during school semesters).

Student Assistant – UAB Department of Anesthesiology and Perioperative Medicine

August 2022 - August 2024

625 19th St S, 9th Floor Room 965C, Birmingham, AL 35233

- Answered phone calls regarding both technical requests and medical case compliance.
- Provided both onsite and offsite computer assistance.
- Delivered and installed hardware to different locations in UAB Hospital.
- Assisted with the migration to a new anesthesia medical record software within the hospital.
- About 15 hours committed per week during school semesters.

Server Assistant – Felix’s Fish Camp

May 2023 - August 2023

1530 Battleship Pkwy, Spanish Fort, AL 36527

- Responsible for ensuring the guest experience at the restaurant was satisfactory by doing side-work.
- Cleaned and reset tables.
- Responsible for the tasks required for both opening and closing.
- About 35 hours committed per week.

Host – Mellow Mushroom

May 2022 - August 2022

2409 Schillinger Rd S, Mobile, AL 36695 (closed location)

- Helped guests to tables and accommodated any other requests.
- Cleaned and reset tables.
- Responsible for the tasks required for both opening and closing.
- About 30 hours committed per week.

Certifications

Google Cloud Leader

Issued September 2024 – Expires September 2027

- A Cloud Digital Leader understands Google Cloud's core products, services, and their benefits for organizations.
- [Verification Link](#)

Research Experience

Gastrointestinal Electromechanics Lab

January 2023 – December 2023

Undergraduate Research

- Joined lab through the SciTech Honors program at UAB.
- Research includes the study of the propagation of electrical potentials throughout pig stomachs, as an analogue for human stomachs.
- Collaborated on an adversarial signal denoiser using MATLAB signal processing, which uses machine learning to denoise the signals obtained during experiments for better data collection.

Personal Projects

- Personal server – Repurposed PC with Ubuntu Linux installed used for various home automation and entertainment applications.
- [Grocery Receipt Splitter App](#) – JavaFX application to make splitting groceries between roommates quicker and easier.
- [Personal Website](#) – Website hosted on GitHub pages coded in HTML and CSS.
- Custom-built gaming PC – Spent Summer savings on components and then assembled them in 2022.