

# Logan Miles

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[LinkedIn](#) • [GitHub](#) • [Portfolio](#)

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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, Go, and Python
- HTML and CSS
- JavaScript
- Flask Framework
- PostgresSQL and MySQL
- Terraform Cloud Configuration
- Networking
- Docker
- APIs/Apigee
- 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 I – Motion (Genuine Parts Company)

May 2025 – Present

1605 Alton Rd, Birmingham, AL 35210

- Designed and developed Apigee API proxies as configuration-as-code to enable secure, scalable, and performant business and internal service integrations.
- Automated lifecycle processes related to Apigee proxies, API products, and developer portal management to streamline development and operations.
- Provisioned and managed Google Cloud resources using Terraform configuration-as-code to ensure repeatable and consistent infrastructure deployments.
- Participated in SAFe Agile teams to iteratively deliver cloud-based solutions aligned with organizational objectives.

### 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.
- Provided continuous monitoring and analysis of Motion cloud billing data to highlight spending anomalies/areas of over-spending. Cloud spending significantly decreased after visibility increased.

- 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, 9<sup>th</sup> 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.

## **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 headless Ubuntu Linux installed used for various home automation and entertainment applications.
- [Portfolio](#) – Portfolio site hosted on GitHub pages with frontend composed of HTML, CSS, and JS.
- [Ollama Chat](#) - Full-featured Ollama chat interface with user authentication and persistent history.
- Custom-built gaming PC – Purchased and assembled all components in 2022.