

# Logan Miles

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## Candidate Profile

A senior level Computer Science student with experience in computer programming and business environments. A capable, service oriented, and resourceful team player who learns quickly, is patient with complexity, and is trustworthy and responsible. Has consistently demonstrated academic ability, excellent oral and written communication skills and possesses a strong desire to succeed.

## Developed Technical Skills

- C, Java, Matlab, ASM, Python, and HCL
- HTML and CSS
- Flask Framework
- SQL
- Git/GitHub
- Computer Hardware
- Networking
- Docker
- Bash literacy
- Google Cloud Platform (GCP)

## Education

### Bachelor of Science, Computer Science

Anticipated 2025

GPA: 3.90/4.00

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

- Dean's List
- Member of the Honors College
- Member of the Phi Kappa Phi Honor Society

## Work Experience

### Cloud Engineering/SRE Intern – Motion (Genuine Parts Company)

May 2024 – August 2024

1605 Alton Rd, Birmingham, AL 35210

- Collaborated with team members to export cloud billing information from GCP 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.

### Student Assistant – UAB Department of Anesthesiology and Perioperative Medicine

August 2022 - Present

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.

## **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.

## **Operations Attendant – UAB Campus Recreation**

September 2021 - April 2022

1501 University Blvd, Birmingham, AL 35233

- Provided effective customer service to guests.
- Responsible for maintaining facilities and overseeing guests.
- About 15 hours committed per week during school semesters.

## **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.
- 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.

## **Volunteering**

- ARF Animal Shelter – Helped clean kennels and provide water and food for dogs.
- Feeding the Gulf Coast – Quality checked and stored food into crates for distribution to those in need.
- Volunteers of America – Handed out packaged food to those who needed it in cars during the height of the Covid-19 pandemic.

## **Extracurricular Activities**

- St. Luke’s Highschool Varsity Soccer – Played center back as letterman for 4 years.
- Mobile United FC – Played center and outside back for 2 years.
- St. Luke’s High School Robotics Team – Lead programmer for 2 years, coding in Matlab.