

# Jayden Pyles

Birmingham, AL | jaydenpyles0524@gmail.com | 205-441-3436

## EDUCATION

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### University of Alabama at Birmingham

*Bachelor of Arts in Computer Science | Minor in Mathematics | GPA: 3.8*

**Birmingham, AL**

*May, 2024*

### Alabama School of Math and Science

*Advanced Highschool Diploma | GPA: 3.9*

**Mobile, AL**

*May, 2020*

## WORK EXPERIENCE

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### DarkTower

*Software Developer*

**Birmingham, AL**

*April 2023 - Present*

- Developed full-stack web applications using Flask, FastAPI, Svelte, and React.
- Designed database schemas with EdgeDB and created HTTP APIs for seamless interaction with EdgeDB and PostgreSQL databases.
- Maintained and improved legacy codebases for enhanced functionality and maintainability.
- Containerized microservices for efficient application deployment and scalability using Docker.
- Developed Gitlab CI/CD pipelines for applications.

### Computer Forensics Research Lab

*Information and Technology Specialist*

**Birmingham, AL**

*October 2022 - Present*

- Managed and maintained the organization's domain controller, providing secure access to users and ensuring the proper functioning of server systems.
- Set up and configured virtual machines for analysts, providing them with the necessary computing resources and software to meet their needs.
- Responsible for the setup and configuration of general technology hardware, including monitors, laptops, and desktops.
- Performed hardware maintenance tasks, such as installing updates and troubleshooting issues.
- Provided technical support to analysts, troubleshooting software and hardware issues and ensuring the proper functioning of their tools and systems.

### Computer Forensics Research Lab

*Cybercrime Analyst*

**Birmingham, AL**

*December 2021 - April 2023*

## SKILLS & INTERESTS

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**Programming Languages:** Python, Java, HTML, CSS, Javascript, Git, PostgreSQL, EdgeDB, React.js

**Interests:** Database Engineering, API Development, Web Scraping and Data Collection, Homelab and Self-Hosting