Jayden Pyles

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

EDUCATION

University of Alabama at Birmingham   **Birmingham, AL**
Bachelor of Arts in Computer Science | Minor in Mathematics | GPA: 3.8   *May, 2024*
Alabama School of Math and Science   **Mobile, AL**
Advanced Highschool Diploma | GPA: 3.9   *May, 2020*

WORK EXPERIENCE

DarkTower   **Birmingham, AL**
Software Developer   *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   **Birmingham, AL**
Information and Technology Specialist   *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   **Birmingham, AL**
Cybercrime Analyst   *December 2021 - April 2023*

SKILLS & INTERESTS

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