Cameron Cromer

github.com/Cameron-Cromer | linkedin.com/in/cameroncromer

camerongcromer@gmail.com | Bowie, MD

EDUCATION

Bowie State University   **Bowie, MD**

Bachelor of Science: Computer Technology

Graduation Date: Spring 2026

Relevant Coursework:

Discrete Structure and Big Data, Applications of Data Structures, Edge Technology, Advanced Secure Coding Using Java Programming

Prince George's Community College   **Largo, MD**

Associate of Science: Information Technology

Graduation Date: Spring 2022

WORK EXPERIENCE

AM Health Services   **Laurel, MD**

IT Support Intern   December 2024 - Present

- Provided technical hardware, software, and network assistance to employees, achieving a 90% first-call resolution rate.

- Install, configure, and update operating systems and software applications on company devices.

- Support the maintenance of company devices such as laptops, printers, and network routers.

PROJECTS

Air Quality Comparison Tool -

- Web application tool that visualizes and compares air pollutant levels between countries using data from the OpenAQ dataset. Built with Python Flask for the backend, Pandas for data processing, and Plotly for interactive visualizations, it allows users to select different pollutants and countries to generate side-by-side comparisons of air quality metrics in an intuitive interface (See GitHub).

LANGUAGES AND TECHNOLOGIES

- Programming languages (Python, Java, HTML, CSS, JavaScript)

- Data analysis & visualization tools (Pandas, NumPy, Matplotlib, Plotly.js)

- Database technologies (MySQL, SQL)

- Database experience with Amazon Web Services (AWS)

- Git, GitHub

- Python Flask

TECHNICAL SKILLS

- Python programming with focus on data manipulation libraries

- Full-stack web development using Python Flask backend and HTML/CSS/JavaScript frontend

- Data processing and analysis with Pandas for environmental datasets

- Interactive data visualization using Plotly.js for scientific/statistical data

- Error handling and data validation in production applications

- Web deployment on cloud platforms

- Environment variable configuration for application settings

- Version control with Git and GitHub for collaborative development

- CSV data parsing with separator detection and robust error handling

- RESTful API development for dynamic data exchange

- Responsive web design for cross-device compatibility