

EDUCATION

Bachelor of Arts in Computer Science

J.B. Speed School of Engineering
University of Louisville, Louisville, Kentucky

Completed Fall 2024

Hours Completed: 128

Cumulative GPA: 3.228

Associate of Science

Jefferson Community and Technical College

Completed 2022

SKILLS/COURSEWORK

Technical Skills/Relevant Coursework

- PERN Full Stack Development
- Python AI and Machine Learning
- QA Testing and Documentation
- Incident Response and Recovery
- Database Management and Development
- Cyber Security and Threat Management
- System and Data Restoration
- Stakeholder Communication and Collaboration
- PowerShell

APPLIED EXPERIENCE

Python, AI, JavaScript: Created a Lambda Endpoint containing Python and JavaScript, along with OpenAI API calls for the automated summarization of order data from multiple tables.

PERN: Created a dynamic status page for company devices, servers, and services which allow for groups and management both on an overarching level and at the user level.

Python and C++: Assisted in the creation of a stock listing program using APIs

PowerShell: Assisted in Incident Remediation by creating PowerShell scripts that exhaustively search OneDrive for encrypted files using pagination and disable compromised OneDrive's. Also created a script to automatically move prior compromised devices to correct OUs upon restoration.

Python and SQL: Co-Created the replacement for Traqline's production process in Python/SQL

WORK EXPERIENCE

Steel Technologies Software Engineer

November 2024 – Present

- Currently creating foundational infrastructure in PERN for future applications as the company navigates towards technical advancement.
- Critical asset during Incident Response and Recovery in developing the restoration process for compromised devices, exhaustively searching all users one drives for encrypted files that could re-compromise devices, and automatically moving restored devices back to the correct OUs with the Active Directory modules and PowerShell.
- Created a dynamic status page allowing for the monitoring of connections for devices, servers, and services.

Steel Technologies Helpdesk Intern

April 2024 – November 2024

- Provided customer service while resolving or escalating issues appropriately.
- Assisted in the creation of policies and procedures for new developments.
- Developed a general understanding of business applications and environments through resolving issues.
- Investigated uncommon issues and documented them for future reference.

Traqline Data Science Intern

May 2023 – August 2023

- Analyzed SAS code and the SAS documentation to recreate the production process in Python/SQL.
- Recreated specific SAS functionality such as nodupekey and others in Python manually.
- Eliminated days' worth of manual Excel manipulation using SQL and Python.
- Created a list of master breadcrumbs for all retailers, allowing us to predict sales.

UPS

July 2019 – May 2023

- Performed a variety of roles in both the warehouse and on the airstrip.
- Maneuvered a vehicle and packages throughout an airstrip.
- Used team skills to ensure all packages were loaded safely and efficient.
- Demonstrated leadership skills and promoted safety with team members.