Alexander C. Lopez

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EDUCATION

Drexel University

Philadelphia, PA

Bachelor of Science in Computing and Security Technology

Expected Graduation: June 2027

GPA: 3.97

Dean's List, Pennoni Honors College

EXPERIENCE

Susquehanna International Group

Bala Cynwyd, PA

Data Center Technician

September 2024 - April 2025

- Helped manage the intake, assembly, and configuration for servers and switches per end-user requirements
- Performed routine maintenance tasks including running fiber and copper, swapping DIMMS, and adding network cards to ensure server performance and reliability
- Conducted thorough testing and troubleshooting of server builds allowing teams to meet strict deadlines
- Utilized PowerShell libraries for server validation, DNS creation, system troubleshooting, and more
- Organized and maintained a large inventory of hardware components on standby in case of a critical failure to ensure maximum availability and uptime in the data center

The Wharton School, University of Pennsylvania

Philadelphia, PA

Computer Support Specialist

September 2023 - April 2024

- Provided on-site and remote assistance to clients, leveraging the troubleshooting process to analyze, isolate and resolve various issues
- Fostered client trust by communicating procedures and aiding in software navigation
- Built and configured Windows and Mac laptops, provisioned accounts using Identity and Access Management, and software according to employee needs

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TECHNICAL PROJECTS

Personal Website

Philadelphia, PA

https://al3637.github.io/Lopezlane/

April 2024 - Present

- Learned how to utilize Git and GitHub for effective code management
- Maintained and added new skills in HTML, CSS, and Python

Drexel University

Philadelphia, PA

Project Manager

January 2023 - June 2023

- Initiated and led a project to build a website connecting students with tutors
- Co-led the front-end of the website and created a database using MySQL
- Applied agile methodologies including a Kanban Board, Sprint Reviews and Retrospectives

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SKILLS

Programing Languages: Python, HTML, CSS, SQL, PHP, JavaScript, Visual Basic

Operating systems: Ubuntu Linux, Microsoft Windows, macOS, Cisco IOS, Kali Linux

Tools: Identity and Access Management, Active Directory, Visual Studio, Wireshark, Nmap, MySQL, Zendesk

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RELEVANT COURSEWORK

Computer Forensics

Open Server

Network Administration

Cryptography

ACTIVITIES

Drexel Cyberdragons — Learned techniques to infiltrate computers and increase experience in cyber security

Drexel Fencing Club — Placed in competitions and took part in multiple tournaments