Tyler Flurer

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EDUCATION

The Pennsylvania State University **University Park, PA**
College of Information Sciences and Technology *May 2029*
Intended Bachelor of Science in Cybersecurity GPA: 3.31/4.00
Intended Minor in Security and Risk Analysis

WORK EXPERIENCE

Introduction to Application Development, Learning Assistant **University Park, PA**
The Pennsylvania State University *August 2026 - Present*

- Debug student Python code and diagnose logic and syntax errors in one on one and small group sessions during class and weekly office hours.
- Grade programming assignments and deliver written feedback aligned with course learning objectives.
- Collaborate with the course instructor and fellow Learning Assistants to plan classroom activities and address recurring points of student difficulty.

Nazareth Landscaping **Nazareth, PA**
Landscaping Crew Member *May 2020 - August 2026*

- Collaborated in small crews to maintain multiple residential and commercial properties by completing full landscape redesigns, trimming, and seasonal maintenance.
- Trained new team members on equipment usage and task procedures while completing independent job assignments on tight deadlines.

Flurer Machine and Tool Co. **Nazareth, PA**
Machine Operator *June 2019 - August 2022*

- Loaded and unloaded metal parts into CNC machines to support production goals.
- Maintained safe working practices while operating heavy machinery in a fast paced environment.

Leadership and Involvement

Competitive Cyber Security Organization (CCSO) **University Park, PA**
Member *August 2026 - Present*

- Attend meetings and hands on workshops covering offensive and defensive security, network security, system hardening, and incident response, alongside Capture the Flag challenges and the club's structured education track.

Consultant Training Program (CTP) **University Park, PA**
Member *August 2026 - Present*

- Completed sessions on consulting fundamentals led by NLCG members and alumni, including case preparation, mock interviews, and structured problem solving methods applied to real business scenarios.

TECHNICAL PROJECTS

Cyber100 Final Project **University Park, PA**
Fall 2025

- Collaborated in a five person team to design and develop five beginner level coding games as part of a semester long project.
- Produced a professional multi section technical report including documented source code and verified program outputs.

Security and Risk Analysis 111 Final Project **University Park, PA**
Fall 2025

- Collaborated in a five person team to conduct a structured incident analysis of the 2024 CrowdStrike global IT outage, communicating root cause, operational impact, and recovery timeline in a written report.

SKILLS & INTERESTS

Technical Skills: Python, SQL, Javascript, HTML, CSS, Wireshark, Cloudshark, Kali, TCP/IP, UDP, HTTP/S, Linux Environments
Interests: Strength training, MMA, snowmobiling, snowboarding