

Ethan Snyder

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Education

The Pennsylvania State University

December 2025

College of Information Sciences & Technology

GPA 3.5

B.S. Human-Centered Design and Development (HCDD)

Minor in Security & Risk Analysis

Relevant Courses: Programming for the Web, Intermediate & Object-Oriented Application Development, Design Practice in HCDD, Networking & Telecommunications, Overview of Information Security

Skills

MySQL, Python, Figma, Java, HTML/CSS, Docker, AWS, Burp Suite, Metasploit, Kali Linux, Wireshark

Relevant Experience

American Eagle, Cybersecurity Job Shadowing Participant

June – August 2024

- Gained insight into industry standard forensic tools such as Autopsy, Wireshark, & more
- Developed a foundational understanding of how real-world vulnerabilities are analyzed and addressed

Penn State Wyble Attention Lab, Full-Stack Developer Intern

October 2022 – May 2024

- Communicated efficiently with colleagues using slack to coordinate meetings while using GitHub to provide proper documentation of changes
- Participated in active research to adjust a computational model to more accurately simulate attention
- Worked with tools such as PowerShell, AWS, and Docker to develop web programs to simulate human reaction to stimuli

Project Work Experience

PSU Design Practice in HCDD, Team Leader

March – May 2023

- Used Figma to create a functional prototype for our application
- Exhibited strong presentation skills by presenting project progress to peers and industry professionals
- Coordinated with team members to ensure deadlines were met with quality work

PSU Web Development in IST, Team Member

August – December 2023

- Collaborated with team members to design, code, and implement various features and functionalities for web applications
- Demonstrated proficiency in utilizing relevant web development technologies, including but not limited to HTML, CSS, & JavaScript
- Conducted testing and quality assurance processes to validate the functionality, usability, and performance of web applications

Certifications

- **CompTIA Security+** (in progress)

June 2024 - Present