PAUL FRECK

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EDUCATION

University of Wisconsin-Madison, Madison, WI - B.S. Computer Science   **Expected May 2027**

GPA*:* 3.82/4.00

Relevant Coursework: Programming III (Data Structures and Algorithms), Topics in Multivariable Calculus and Linear Algebra, Introduction to Computer Engineering, Machine Organization and Programming

CLUBS

Wisconsin Autonomous   **November 2023-Current**

- Participating in a team competing in SAE's Autodrive Challenge™ II to produce a full self-driving vehicle
- Working with ROS and Python on the infrastructure team to deliver information from V2X sensors throughout the car to orient the car in space.

Wisconsin Cybersecurity Club   **September 2023-Current**

- Attending meetings about cybersecurity topics and tools including OSINT, Wireshark, adversarial AI, lock picking, and more.

WORK EXPERIENCE

Target, Wappingers Falls, NY   **June 2024-August 2024**

Seasonal Tech Specialist

- Set up systems to quickly and accurately responded to customer requests.
- Participated in a fast paced retail environment while responding quickly and accurately to security events.
- Developed strong relationships with coworkers and managers.

Hudson Valley Credit Union, LaGrange, NY   **July 2022-August 2022**

High School Summer Intern

- Shadowed positions in various credit unions departments including business intelligence, marketing, IT, lending, accounting, and retail.
- Delivered presentations of an intern's perspective on the company's branches and policies to executives, department leaders, and program coordinators.
- Selected as one of eight candidates from over forty applicants to participate in the internship program.

PERSONAL PROJECTS

Personal Website and Incremental Game

- Created a public facing website to host my resume, accomplishments and an incremental game.
- Added Javascript functionality to the website to seamlessly track the accumulation of rocks and allow players to automate the collection of rocks. Currently adding more phases and challenges to the game.

Discord Role Manager

- Created a multifunctional Discord Bot to help administrators of a 1500+ user Discord Server manage roles and channels.
- Received specifications from the server owners and used Javascript and Discord.js, a Node.js library, to interact with Discord's API and implemented the requests to the specifications of the clients.

SKILLS

Languages: Java, Python, Javascript, HTML

Tools: Git, Ubuntu, Node.js, ROS2 Humble, Nmap, Wireshark

Certification: Scientific Computing with Python certification from FreeCodeCamp. Pre-Security and Introduction to Cyber Security certifications from TryHackMe.

TryHackme & PicoCTF: Self-studied cybersecurity techniques while participating in CTFs and challenges.