PAUL FRECK

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EDUCATION

University of Wisconsin Madison, Madison, WI

Bachelor of Science in Computer Science, expected in 2026

GPA: 4.00/4.00

Relevant Coursework: Programming III, Topics in Multivariable Calculus and Linear Algebra, Intermediate Microeconomic Theory

Relevant Clubs: Wisconsin Autonomous, Wisconsin Cybersecurity Club

Arlington High School, LaGrange, NY

Advanced Regents Diploma, June 2023

GPA: 103.66/100

Relevant Coursework: Intro to Programming in Java, Intro to Computer Science, Computer Science, AP Physics, AP Calculus BC, AP Microeconomics

PROJECTS

Codle

- Created a copy of Wordle complete with a GUI using the framework JavaFX for personal use.
- Implemented object oriented principles to keep code understandable and functional.

Discord Role Manager

- Creating a multifunctional Discord Bot designed to help administrators of a 1500+ user discord server to help 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 implement the request to the specifications of the clients.

WORK EXPERIENCE

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

High School Summer Intern

- Selected as one of eight candidates from over forty applicants to participate in an internship program.
- 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.

VOLUNTEER EXPERIENCE

Arlington Central School District, LaGrange, NY   **July 2021-August 2021, July 2022**

Volunteer

- Helped elementary and middle school students to program in Scratch and create art.
- Assisted the teacher with activities and answered student questions.

SKILLS

Languages: Java, Python, limited experience with Javascript.

Tools: Git, Ubuntu, Linux, Node.js

Certification in Python and Sample Code: Certification from FreeCodeCamp for a Python course that taught the basic fundamentals of Python.

IBM Qiskit Fall Fest 2023: Participation and completion certificate of a Quantum Computing Hackathon and associated workshops.