Mia Pfaff

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EDUCATION:

University of Delaware   **Newark, DE**
BS in Computer Science, Concentration in AI/Robotics   August 2023 – Present

EXPERIENCE:

University of Delaware   **Newark, DE**
Teaching Assistant, CISC106/108   August 2024 – January 2025
- Responsible for lecturing, hosting office hours, grading, and assisting students with code and systematic program design concepts such as functional programming, recursion, and object-oriented programming.

Rehoboth Beach Country Club   **Rehoboth Beach, DE**
Pool Server   June 2024 – Present
- Greet and interact with members in a professional and friendly manner. Proficient in point-of-sale systems for order entry.

Lewes Spine Center   **Lewes, DE**
Front-Desk Receptionist   June 2023 – August 2023
- Managed patient records, scheduled appointments, performed data entry, and updated information using EHR software.

ACHIEVEMENTS & PROJECTS:

University of Delaware | Intro to Engineering   August 2023 – December 2023
- Received MVP team award for exceptional contribution to a college-level environmental impact project using CPX and CAD Fusion 360.

Habit Tracker | Typescript, CSS, HTML   April 2024
- Leveraged the versatility of WebEz framework with Typescript/HTML/CSS to design a user-friendly tracker website.

Binary Clock | C, Linux   May 2024
- Programmed a binary clock on the sense hat of a Raspberry Pi 4 to display a twenty-four-hour time per second.

Personal Website | HTML, CSS, JavaScript   July 2024
- Designed a responsive personal portfolio website using HTML, CSS, and JavaScript.

Hashmap Author's Voice | C++   December 2024
- Custom hash map project that explores key data structures concepts such as collision resolution and dynamic resizing.

The Career Helpi: AI-Powered Career Suggestion Web App | Typescript, ChatGPT API, Agile, UX/UI Design   April 2025
- Developed a career recommendation web app, *The Career Helpi*, using React, TypeScript, and ChatGPT API; implemented dynamic questionnaires, progress tracking, and personalized GPT-generated career reports.
- Collaborated in a team for a Software Engineering course to deliver a fully tested, linted, and GitHub Pages–deployed MVP with agile sprints and structured epics, stories, and tasks.

SKILLS:

Frameworks & Tools: CAD Fusion 360, R Studio, PyCharm, VSCode, CLion, Linux, Markdown, React (Hooks), BootStrap, OpenAI API
Programming Languages: Python, Typescript, C, C++, R, Assembly, JavaScript, CSS, HTML **|**
Soft Skills: Teaching, Mentoring, Debugging, Communication, Teamwork, Time Management