Brendan Pelto

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Education

University of Wisconsin Eau Claire Bachelor of Science Computer Science, Comprehensive Major GPA - 3.5 May 2023

Experience

Computer Science

AIMS(Artificial Intelligence and Machine Learning) Research Program

Eau Claire, WI

February 2022 - June 2022

- Working on touch dynamics model to authenticate users on a phone
- Collaborate with three other group members to determine the best solutions for issues relating to code
- Responsible for developing four machine learning algorithms capable of user authentication

IOU - Payment Application for Software Engineering Class

Eau Claire, WI

February 2022 - May 2022

- Collaborated with a group of four to produce a professional frontend and backend for a payment application
- Responsible for creating use case diagrams to represent our process and procedures for our project
- Created a working payment application similar to Venmo and Paypal

Community Garden Website - Final Project for Software Engineering 2 Eau Claire, WI

September 2022 - December 2022

- Collaborated as a team of six to produce a full stack application for our local community gardens
- Responsible for tracking sprint process as we progress on our website
- Learned use of API endpoints and backend functionality
- Gained knowledge on the use of JWT tokens and cookies

Skills

- Operating Systems: MacOS, Windows, Kali Linux, Ubuntu
- Languages: Python, Java, C++, Javascript, HTML5, CSS, PHP, Assembly
- Network Protocols/Pen-Testing: TCP/IP, SSH, DNS, HTTP, Nmap, Wireshark
- Tools: Linux, Github, Gitlab, Jira, VSCode, IntelliJ
- Other: API, VMware, VirtualBox, Proxychains, VPN

Previous Job Experience

Leinenkugels Brewery Assistant Eau Claire, WI June 2022 - September 2022

- Communicated with up to fifteen other staff to maintain efficiency of production
- Managed time properly as to not overpressure tanks when deoxygenating

Menards
Order Pickup and Delivery

Eau Claire, WI May 2021 - September 2021

- Communicated with up to twenty other staff to manage online orders and make sure the customers online order was picked up and ready
- Learned proper customer service in order to maintain the functionality of the stores department
- Operated company forklifts safely in order to assist customers

Stillwater Gas Dock Gas Dock Worker Stillwater, MN

June 2018 - October 2020

- Communicated with four other workers to resolve conflicts on the dock and made sure everything ran smoothly
- Helped out new workers getting into the job by training and shadowing
- Tasked with and trusted to open or lock up the dock depending on schedule