Aidan Palmbos

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EDUCATION

Davenport University | Grand Rapids, Michigan **December, 2024**
Bachelor of Science in Computer Science, Specialty in Artificial Intelligence 3.97 GPA
Related Coursework: Software Engineering, Database Design, Discrete Structures, Artificial Intelligence

Ottawa County Careerline Technical Center | Holland, Michigan **May, 2022**
Software and Game Development 4.0 GPA
Related Coursework**:** Game Design, Web Design, Agile Methodologies

TECHNICAL QUALIFICATIONS

- Python, MATLAB
- C++, C#, Java
- HTML, CSS, Javascript
- PyTorch, TensorFlow, Sci-kit Learn
- MySQL
- TKinter, Windows Forms

CERTIFICATIONS

- Advanced HTML & CSS Specialis
- CIW - Site Development Associate (SDA)
- IT Fundamentals FC0-61
- Javascript Specialist
- Microsoft Technology Associate (MTA) - Python Programming
- Microsoft Technology Associate (MTA) - Software Development Fundamentals

EXPERIENCE

Highlight Industries | Wyoming, Michigan **May, 2023 – Present**
Software Programmer

- Engineered graphical user interface applications as Human-Machine Interfaces in different operating systems
- Integrated Data Analytic tools into applications to empower customers during the usage of testing equipment
- Implemented efficient data read and write algorithms to Programmable Logic Controllers using external libraries

Business Professionals of America Club | Grand Rapids, Michigan **September, 2022 – Present**
Student Competitor in Computer Science events

- Demonstrated proficiency in developing applications as solutions to complex programming problems
- Achieve 1st place by developing applications based on competition guidelines, presentation, and professionalism
- Leveraged external libraries to develop and optimize applications based on internal data requirements

Jenison Robotics Club | Jenison, Michigan **September, 2015 – May, 2022**
Programmer and Documenter

- Developed and implemented autonomous robot functions in C++ leveraging PID controllers and other algorithms, resulting in 99% consistency in robot actions
- Thoroughly annotated and documented all code for the team's Engineering Notebook, winning multiple awards
- Led multiple effective teams, resulting in highly successful robots and professional growth in team members

HONORS & AWARDS

- **President's List**: 2024 Winter Semester **May, 2024**
- **Upsilon Pi Epsilon Honor**: Given to dedicated students of Computer Sciences **April, 2024**
- **BPA 1st Place: Python**: Competition where an application needed to be made in Python **February, 2024**
- **President's List**: 2023 Fall Semester **December, 2024**