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Andrew Koman
Software Engineering Student

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Summary

Third-year Software Engineering student with previous experience in Java, Python, C, and LabView. Participated in FIRST Robotics and National Honors Society in High School. Currently a member of the HIDE Enterprise at Michigan Tech.

Education

Michigan Technological University - BS Software Engineering

GPA: 3.79

Houghton, MI
Expected Graduation: Fall 2024

Muskegon Community College - Associate in Science and Arts

GPA: 3.833

Muskegon, MI
Graduated: Spring 2021

Professional Experience

Western Digital – Niagara Development Team (Co-op)

- Worked through the backlog for a specific tool within the Niagara program using TCL, Python, and C.
- Became the owner of a specific firmware tool to maintain the tool, respond to bug reports and feature requests, and make other necessary improvements to the codebase.
- Updated and maintained the remote desktop systems designated for my team.

Howmet Aerospace - Controls Systems Engineering (Intern)

June 2021 – December 2022

- Member of a small team maintaining, updating, and upgrading HMI computers running Wonderware
- Learned from coworkers and quickly worked with little supervision.

Creations By Brian – Painting Assistant

March 2021 – June 2021

- Member of a 10-person team painting home and business interiors and exteriors.
- Performed painting prep, drywall repair, hole patching, and painting.

Academic Experience

Humane Interface Design Enterprise

January 2022 - Present

- Working with a group of 6 people and the management of a company to build tools in Python for Web Scraping and Image Recognition using a Neural Network. This data is to create an image data set for the company to use.

Independent Study Projects

- Created a PDF combiner in Python using PySimpleGUI and PyPDF2 which interlaces two PDF files from a scanner that only does a one-sided scan. It takes 2 one-sided scans and combines them into one PDF file. **December 2021**
- Worked with GitHub Pages to build a personal website to host my resume and links to various projects. **September 2022**