

PATRICK J. REDOUTEY

SUMMARY

Hardworking and aspiring software developer with experience in game engines, programming and communicating with sensors, and utilizing multiple programming languages. Offering resourcefulness, patience, and leadership. Highly organized, proactive, and dependable with a team-oriented mentality.

EMPLOYMENT

Yost Labs, Inc. - Intern (Yost Labs, Inc. manufactures and programs sensors that use an accelerometer, magnetometer, and a gyroscope to determine orientation.)

Portsmouth, OH • June 2022 - present

- Developed application for the purpose of testing sensors
- Created a GUI for visualizing data from the sensors
- Modified firmware to fix its bugs
- Adapted existing firmware for a sensor containing a GPS
- Worked on an API for communicating with the sensors
- Created a stand-alone method for calibrating sensors which became useful for multiple projects
- Collaborated on a portion of a larger D.O.D. project
- Actively participated in weekly stand-up team meetings and voiced ideas
- Assigned to tasks as needed which often required moving between several projects at one time

ADDITIONAL EXPERIENCE

Shawnee State University - Relevant Coursework

- *Collaborative Design Lab 1 & 2*: a collaboration between game programming majors and gaming art majors to create a video game using Unreal
- *Real-Time Interactive Programming*: participated in group projects working in Unity and Unreal while using GitHub for version control
- *Object-Oriented Programming & System Engineering*
- *Digital 3D Foundations Studio*: introduction to 3D modeling using Maya
- Intensive use of Python, C, C++, and C# through several courses
- Basic experience in JavaScript and HTML

CONTACT

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McDermott, OH 45652

AWARDS

BSA Eagle Scout with Silver Palm
Franklin B. Walter All-Scholastic
Shawnee State University Scholar
2021 NACE Academic All-NACE
SSU President's List (2019 - 2023)
2023 Academic Honors Award for
Academic Excellence in Digital
Simulation and Gaming

EDUCATION AND TRAINING

Shawnee State University

Portsmouth, OH

Bachelor of Science

Summa Cum Laude • GPA: 4.0

- Major: Digital Simulation and Gaming Engineering Technology
- Minor: Computer Engineering Technology

Supplemental Instructor Spring 2022

REFERENCES

Available upon request