

Robert Penrod

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View my portfolio at: robertpenrod.github.io

EDUCATION

The University of Toledo, Toledo, OH

Anticipated Graduation Date: August 2022

Bachelor of Science: *Computer Science and Engineering, GPA 3.75*

Relevant Coursework: *Digital Logic Design, Object-Oriented Programming, Discrete Structures, Linear Data Structures, Non-Linear Data Structures, Computer Architecture, Engineering Statistics, Artificial Intelligence, Software Engineering, Operating Systems and Systems Programming, Theory of Computation*

Awards & Honors: *Dean's List*

TECHNICAL SKILLS

C# • Java • C++ • Python • HTML • CSS • JS • SQL • SSMS • ASP.NET • Git • Unity • Microsoft Office • Jira

WORK EXPERIENCE

Emerson, Sidney, OH

Computer Science Co-Op

May 2022 - August 2022

- Developed tableau dashboards to display data to effectively answer customer questions and requirements.
- Worked with cross-functional teams and reached out to senior leaders.
- Developed and updated existing web pages to display filtered machine data.

MEDsys, Perrysburg, OH

June 2021 - August 2021

Software Developer

- Designed, implemented, and extended functionality of existing systems, refactoring where appropriate.
- Worked in an agile environment utilizing Scrum, managing daily work-load, and prioritizing tasks.
- Maintained communication with team, stakeholders, and software development manager regarding status of software development.
- Accurately maintained code in source control system (GIT), appropriately documenting check-in and merge activities.

University of Toledo, Toledo, OH

January 2021 - May 2021

Peer Mentor

- Planned and executed topic review and project demos for lab students.
- Provided assistance to lab students by answering questions and guiding them towards solutions.
- Created a collaborative learning environment for students to engage in by prompting students to discuss solution strategies.
- Maintained clear communication with instructor and lab students by attending weekly meetings and responding to emails.

ADDITIONAL EXPERIENCE

Holiday VR Game Jam 2020

Game Jam Project: Snowball Fight VR

- A virtual reality game developed in four days.
- Technologies used: *Unity, C#, XR Interaction Toolkit, Gimp, FL Studio*

HackCWRU (Case Western Reserve University)

Hackathon Project: Courseflow

- Developed a web application to provide students and advisors with an intuitive visual interface to understand course scheduling.
- Awards & Honors: *Most Aesthetic Hack*
- Technologies used: *HTML, CSS, Javascript*