Robert Penrod

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EDUCATION

The University of Toledo - *B.S. Computer Science and Engineering* **Aug. 2022**

SKILLS

Languages: C#, Java, JavaScript, TypeScript, HTML, CSS, SQL, Python, C
Frameworks/Tools: React, Postman, Node.js, Tableau, ASP.NET, SSMS, Git, Jira, Unity, Blender

EXPERIENCE

Personal Development **July 2024 - Present**
Web and Game Developer - (React, TypeScript, Firebase, C#, Unity) *Columbus, OH*
- **Dng.quest:** Built and deployed an AI-powered tabletop RPG content generator using React, Firebase, and the OpenAIAPI
- **Rift Drift:** Physics based drifting game with asynchronous multiplayer.
- **Pocket Viewer:** Pokemon data viewer using React and the pokeapi.

Think Round **March 2024 - July 2024**
Unity XR Developer - (Volunteer) *Remote*
- Optimized project code and materials, reducing project size by 70% by compressing textures and coding a networked LOD system to download/unload highres images at runtime.
- Communicated with stakeholders and the UX team to translate ideas and UI into new features and assets.

Nationwide **Feb. 2023 - March 2024**
Junior Java Developer - (Java, MDM, Postman) *Remote*
- Documented and troubleshot MDM software upgrades, streamlining the upgrade process for the development team.
- Developed Postman collections to streamline API testing and improve development efficiency.
- Collaborated with the development team to fix defects and implement new features.

Emerson **May 2022 - Aug. 2022**
Computer Science Co-Op - (SQL, Tableau, VB) *Sidney, OH*
- Developed tableau dashboards to display data to effectively answer customer questions and requirements.
- Collaborated with cross-functional teams and senior leaders.
- Developed and updated web pages to display filtered assembly line data.

MEDsys **June 2021 - Aug. 2021**
Software Developer Co-Op - (ASP.NET, C#, HTML, SQL, JavaScript) *Remote*
- Designed, implemented, and extended functionality of existing systems, refactoring where appropriate.
- Worked in an Agile environment using Scrum, managing daily workload and prioritizing tasks.

University of Toledo **Jan. 2021 - May 2021**
Lab Instructor - (Java) *Toledo, OH*
- Planned and executed topic review and project demos for lab students.
- Assisted lab students by answering questions and guiding them towards solutions.
- Fostered a collaborative learning environment by prompting students to discuss solution strategies.

ADDITIONAL EXPERIENCE

First Drive Logistics (Amazon DSP) **April 2025 - Present**
Delivery Associate *Lockbourne, OH*
- Managed efficient routing and delivery for 120+ packages daily while maintaining high accuracy
- Utilized mobile systems and navigation tools to adapt to real-time route updates and optimize workflow.

CERTIFICATIONS

Nucamp Full-Stack Web & Mobile (React/Node/MongoDB) **2024**

Unity Certified VR Developer (XR Interaction Toolkit, Unity3D) **2023**