Robert Penrod

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EDUCATION

The University of Toledo   **Aug. 2022**
Bachelor of Science in Computer Science and Engineering

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:** An AI powered tabletop roleplaying content generator.
- **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   *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.

CERTIFICATIONS

Front and Back End Web and Mobile Development - (React, React Native, NodeJS, Express, MongoDB)   **2024**
Nucamp Bootcamp– 6-month intensive program focused on full-stack development in React

Unity Certified User: VR Developer - (Unity, C#, XR Interaction Toolkit)   **2023**
Certiport - focus on XR development and interaction design