

William Shultz

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Summary

Recent System Integrator from Facebook Reality Labs and Computer Science and Engineering grad from The University of Toledo. Experience using .NET Framework, MS SQL Server, Bash and Python. Looking for opportunities to combine tech-based experience and hand-on training in a Software Developer role.

Work Experience

System Integrator | Meta Reality Labs

Pittsburgh, PA | April 2022 - July 2022

- Built and maintained system automation tools for data collection using Python and Bash
- Wrote reusable unit test documents to ensure quality control and identify root issues
- Collaborated with system engineers to improve data collection systems, increasing data capture success rates by 10%

.NET Developer Intern | PCC Airfoils

Mentor, OH | May 2020 - August 2020

- Developed 10+ .NET applications for use in an Agile, collaborative environment
- Built reusable procedures, tables, and functions using Microsoft SQL Server
- Implemented employee work-hour reporter, comparing employee worktimes to average part development times, decreasing product development times by up to 1-5% per part

Undergraduate Researcher | University of Toledo

Toledo, OH | May 2019 - August 2021

- Created a method for calculating reflections off solar arrays using Python scripting
- Presented research at IEEE conference in the summer of 2020 and published January 2021
- Contributed to a \$30 million project funded by the U.S. Air Force Research Lab, titled "Assured Digital Microelectronics Education and Training Ecosystem"

Education

The University of Toledo | B.Sc. in Computer Science and Engineering

Toledo, OH | August 2017 - December 2021

- GPA: 3.67
- Relevant Coursework: Object-Oriented Programming, Software Engineering, Data Structures and Algorithms, Operating Systems, Fundamentals of Cyber Security, Hardware Security and Trust

Additional Skills

- Coding Languages: Python, Bash, HTML, CSS, JS, C#, C++, C, Java
- Concepts: Agile Methodologies, Data Analysis, Web Development, Git, Github, Docker, Linux, VSCode, Bootstrap, Virtual Box, CSS Frameworks, REST APIs, SSH, relational Databases
- Soft Skills: leadership, creative thinking, communication, research, optimization