Alec Brookens

Milwaukee, WI | 262-202-7488 | AlecBrookens@gmail.com

Aspiring Software Developer experienced in Java and C# and actively learning HTML, C++, and Python. Eager to secure a software development internship to leverage an academic foundation, engage in real-world applications, and work alongside professionals to advance software solutions.

Education

Bachelor of Science in Computer Science

Software Development Certificate

University of Wisconsin-Milwaukee

May 2025 (Expected)

GPA: 3.39

Technical Skills

Java, C++, C#, Python, HTML/CSS, Standard ML, Microsoft Office (Excel, Word, Teams, Outlook), Google Suite (Sheets, Docs, Slides, Forms, Gmail), Visual Studio Code, Github, IntelliJ IDEA, Calculus III, Trigonometry, Statistical Analysis, Agile Software Development

Projects

Human Experiences in XR: Varjo-XR3 Guided Walking Experiment (Fall 2023-Spring 2024)

- Apply analytical reasoning and trigonometric software development skills to accurately implement code for a research experiment in Virtual Reality.
- Maintain a personal backlog to manage tasks and work frequently with members of the Computer Science department to navigate new obstacles effectively.
- Research and compile documents to unlock new perspectives in virtual reality coding.

Teaching Assistant/Instructor Scheduling Application (Fall 2023)

- Played a pivotal role in a team project to develop a TA Scheduling application for the University, leveraging Agile methodologies and test-driven development.

Work Experience

SURF Research Assistant, Computer Science Department

University of Wisconsin-Milwaukee, Milwaukee, WI

September 2023 - Present

- Develop scripts and design experiments to enhance Virtual Reality user experiences.
- Gain expertise with Unity, Git, and Visual Studio to elevate software development capabilities.

Summer Intern

City Water LLC, Mequon, WI

May 2023 - August 2023

- Spearheaded precise data collection and employed Microsoft Excel for effective data management, honing analytical and data proficiency.

Assistant Manager

Toppers East Side, Milwaukee, WI

May 2021 - February 2023

- Oversaw end-of-day paperwork and financial processes using Microsoft Excel.
- Successfully guided the team through challenging scenarios, employing strategic management techniques to uphold workflow and quality service despite time constraints and clientele demands.