Kaiden Pollesch

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SUMMARY

B.S. in Software Engineering student at MSOE, minoring in Cybersecurity, with five years of internship experience. Devoting 14 hours weekly to develop strong leadership skills throughout my cocurricular involvement. Skills: C, C++, C#, Java, JavaScript, TypeScript, HTML, CSS, and Python.

EDUCATION

B.S. Software Engineering | Cybersecurity | Milwaukee School of Engineering | GPA: 3.3 | May 2027

TECHNICAL SKILLS

Programming Languages: Java, C#, JavaScript, TypeScript, C, C++, Python, JavaFX, HTML, CSS
Web and Application Development: React, Vite, Node.js, .NET, GUI Development, Bootstrap
Tools and Technologies: SQL, MongoDB, GitLab, Bitbucket, GitHub, Docker, Scrum, Agile, Data Structures, Object Oriented, Database, Software Architecture, Operating Systems

INTERNSHIP EXPERIENCE

IT Development, Electrical Engineering Intern | Alliance Laundry Systems | May 2025 – Present
- Engineered a C# and .NET Windows Forms configuration tool, reducing task completion time by over 50% and significantly decreasing the risk of errors.
- Authored comprehensive documentation and commented code to ensure seamless project handoff and simplify future maintenance of the configuration tool.
- Developed a C# and .NET application to automate the import of over 5,600 machine records from 15 distinct logs, transforming data retrieval time from hours to seconds.
- Enhanced an engineering application by adding an in-app Hex Byte viewer to eliminate the need for external tools and accelerating machine configuration verification.

Software, CAD, VMS Engineering Intern | Accurate Controls Inc. | May 2021 – Aug 2024
- Coded a frontend using HTML, CSS, and the Bootstrap framework, integrated with a SQL database.
- Flashed device firmware and stored device information in SQL Database using SQL Queries in Python.
- Deployed with a Docker image to a local server for internal company use.

MILWAUKEE SCHOOL OF ENGINEERING PROJECT EXPERIENCE

- Java Project (Team of 4) – Worked in semester long scrum team to recreate wordle game from New York Times. Using GitLab, Java, JavaFX, CSS, and JavaScript.
- Reverse Engineering Project (Team of 4) – Working in year long scrum team to create a reverse engineering app to generate UML and Sequence Diagrams from source code

LEADERSHIP | CO-CURRICULAR INVOLVEMENT | COMMUNITY SERVICE

Prayer Lead | InterVarsity | Sept. 2023 - Present | 5 hrs. per week
Member | The National Society of Leadership and Success | Sept. 2024 - Present | 2 hrs. per week
Member | MSOE Honors Program | Sept. 2023 - Present | 4 hrs. per week
Member | Society of Software Engineers | Sept. 2023 - Present | 1 hrs. per week
Secretary | MSOE Disc Golf Club | Sept. 2023 - Present | 2 hrs. per week

WORK EXPERIENCE

Stage Director (Lifest) | Life Promotions | Oshkosh, WI | Summers of 2023 - 2025