

Jared Schimpf

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EDUCATION

Eastern Washington University
Bachelor of Science in Computer Science
GPA: 3.89 — Dean's List

Cheney, WA
Sep. 2021 – Expected June 2026

Medical Lake High School
General Education
GPA: 3.69 — Principal's Honor Roll

Medical Lake, WA
Sep. 2017 – June 2021

NOTABLE PROJECTS

NoveLeaf Digital Library | *Java, Spring Boot, Thymeleaf, Maven, MariaDB, Git*

March – June 2024

- Developed a full-stack web application using Spring Boot and Spring MVC following REST-inspired routing semantics
- Implemented Thymeleaf for dynamic server-side HTML rendering with template fragments, conditionals, and iteration following traditional MVC architecture
- Utilized Agile development methodology to plan, develop, and review our implementation
- Planned features and implementation details with User Stories, UML Diagrams, and Class Diagrams
- Managed Sprint items and tracked development cycles with a Kanban board
- Collaborated via Git in a structured team setting with deadlines, code reviews, and daily meetings

Robbie Recursive Descent Parser | *Java, TCP Sockets, Custom Language Parsing*

July – August 2024

- Designed a custom scripting language used to control "Robbie", a virtual robot in a 2D grid environment
- Used EBNF notation to define the context-free grammar of the language and the breakdown of scripts from non-terminal to terminal symbols
- Language supports conditionals, loops, comments, and simple user defined procedures, alongside primitive commands to control Robbie's movement and interaction with the environment
- Implemented a Recursive Descent Parser and interpreter to interpret "Robbie Language" scripts into sequenced instructions alongside a purpose-built lexer to break down said scripts into meaningful tokens
- Integrated TCP sockets to transmit parsed instructions to a remote environment host (RobbieApp)

Inventory Management System | *C#, .NET 9, Azure, Microsoft SQL, ASP.NET Core*

Jan 2025 – Present

- Developed and hosted a full-stack web application with CRUD capabilities, Real time updates, and CSV export/import functionality
- Deployed the application on Microsoft Azure alongside a Azure hosted Microsoft SQL Server, enabling remote access and scalability
- Developed Razor Pages with form validation, dynamic UI behavior, and session-aware logic
- Utilized Scrum development methodology to plan, develop, and review project progress in structured sprints
- Managed Sprint items, assigned development, and tracked progress with a Kanban board
- Collaborated in a team setting using Git for version control, feature branching, and peer-reviewed pull requests, alongside Bi-weekly meetings and weekly progress report presentations

TECHNICAL SKILLS

Languages: Java, C#, Python, C, SQL, HTML/CSS, ARM Asm

Frameworks: Spring, Spring Boot, ASP.NET Core, ASP.NET Razor

Developer Tools: Git, Github, VS Code, Visual Studio, PyCharm, IntelliJ, DataGrip, Eclipse, Ghidra

Libraries: pandas, NumPy, Matplotlib, JUnit, XUnit

ADDITIONAL

US Citizen, Available Summer 2025

References available upon request