

William Mayer

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Personal Website: joeymayer.github.io

Objective

Seeking a Software Engineering role where I can apply my skills in Java, Spring Boot, and database management. Passionate about backend development, real-time applications, and scalable systems.

Education

Iowa State University | Ames, IA

Bachelor of Science in Software Engineering

Graduated: May 2025 | GPA 3.05

Projects

Atanasoff-Berry Computer Emulator Senior Design Project | Java, Swing, CSV I/O

- Recreated the ABC in Java using low-level emulation to model component behavior, including binary arithmetic.

Multiplayer Battle Game | Spring Boot, Websockets, Java

Football Scoreboard | Quartus, FPGA, Verilog

Work Experience

Calculus II Tutor | Iowa State University | Aug 2023 – Dec 2023

- Conducted group tutoring sessions, helping students prepare for quizzes and exams.
- Developed customized study plans, improving student grades and comprehension.

Panera Bread (Crew Member) | Ankeny, IA | June 2018 – July 2020

- Provided customer service and worked in a fast-paced environment
- Assisted in food preparation and order management.

Technical Skills

Languages: Java, C, C++, SQL, HTML/CSS

Web & Backend: Spring Boot, REST API's, Websockets

Database: MySQL

Version Control: Git, GitHub

Testing: Junit, Mockito

Tools: Eclipse, VS Code, IntelliJ, VM