

Trevor Small

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Summary

Computer Science senior graduating in April 2025 from Eastern Michigan University with expertise in Java, JavaScript, Python, React, and AI-driven applications. Passionate about game development and machine learning, demonstrated through a game recommendation platform (React, Steam Web API) and personal projects, building and optimizing custom PCs for enhanced software performance. Skilled in hardware troubleshooting and system configuration, eager to apply technical and collaborative skills to innovative tech solutions.

Education

Bachelor of Science in Computer Science | Eastern Michigan University

Ypsilanti, MI

Expected Graduation: April 2025

Relevant Coursework: Data Structures & Algorithms, Intro to Artificial Intelligence, Neural Networks/Deep Learning, Software Engineering, Mobile App Development, **Computer Game Programming**

GPA: 3.34/4.0

Experience

Student Manager/Payroll Supervisor | Crossroads Marketplace

Ypsilanti, MI

October 2022 – Present

- Manage 20+ student shifts weekly, ensuring accurate payroll and timesheet compliance using internal systems.
- Streamline inventory tracking by inputting data into management software and maintaining precise stock levels.
- Lead recruitment and mentorship, onboarding top candidates to meet operational goals.

Line Cook | Denny's

Jackson, MI

May 2022 – January 2025

- Served 50+ customers per shift while preparing menu items consistently, meeting quality standards during high-volume shifts.
- Collaborated with the kitchen team to optimize workflows and maintain food safety protocols.

Projects

Boiler Room | January 2025 - April 2025

boiler-room-481.onrender.com

- Developed a game recommendation platform using React, Next.js, and Express.js, integrating the Steam Web API for real-time data retrieval.
- Designed and implemented a responsive UI using React and CSS, improving user engagement through intuitive navigation and dynamic game recommendations.
- Collaborated in an Agile team, utilizing Git for version control and Scrum for project management.

Shopping Recommendation AI | September 2024 - November 2024

<https://github.com/WilliamsDave/Shopping-AI>

- Built a personalized shopping recommender with Flask, Python, and Pandas, integrating aisle-based suggestions.
- Transformed 1,000+ Kaggle transaction records into JSON, enabling dynamic storefront generation.
- Designed front-end interface using HTML/CSS and React for a seamless user experience.
- Developed as part of a team for a Software Engineering course.

Skills

Programming Languages: Java, Python, JavaScript, TypeScript, HTML, CSS, SQL

Frameworks: React, Next.js, Express.js, Flask, TensorFlow

Tools: Git, Visual Studio, Unity Game Engine, PostgreSQL

Hardware & Systems: PC Assembly, Hardware Troubleshooting, System Optimization, Linux Configuration, BIOS Tuning

Concepts: Agile, Scrum, RESTful APIs, Data Structures, Machine Learning, Object-Oriented Programming