Joshua Pearlman

joshpearlman2003@gmail.com • (248)-821-7317 • West Bloomfield, MI
Jpearlman.w3spaces.com

EDUCATION

Michigan Technological University — May 2025

B.S. Computer Science, Minor Cybersecurity — *Houghton, MI*

- Key coursework: Data Structures and Algorithms, Discrete Mathematics, Programming at Hardware Level, Formal Models of Computing, Computer Organization
- Significant Projects: Discord Music Bot, Genetic Algorithm, Dungeon Game, Smaller Games (Flappy Bird, Tic Tac Toe, Yahtzee), Personal Website
- Extracurricular Activities: Networking and Computing Student Association, Rock Climbing Club

Oakland Community College — May 2022

Associates in Arts — *Farmington Hills, MI*

- Key coursework: Introductory Computer Science classes, Networking Fundamentals, Cybersecurity Fundamentals

SKILLS

- Programming languages: Python, C++, Java, JavaScript (React), HTML, CSS
- Cybersecurity: TryHackMe.com; Completed Pre-Security and Intro to Cybersecurity course
- Data Structures and Algorithms: Key coursework in Data Structures and Algorithms, Discrete Mathematics
- Embedded systems and hardware-level programming: Experience in Programming at Hardware Level, Computer Organization
- Software development methodologies: Agile, SaFe
- Game development: Designed and developed basic games like Flappy Bird, Tic Tac Toe, and Yahtzee in Java
- Web development: Personal website built using JavaScript, CSS, HTML
- Tools: Experience in using MATLAB/Simulink, MATLAB OnRamp Certified
- Soft skills: Problem-solving, critical thinking, communication

WORK EXPERIENCE

Schnack.ai — *Detroit, MI*

Co-Founder, Software Engineer — February 2023 – Present

- Worked with a Georgia Tech Master's student to co-found Schnack.ai, an AI start-up in the restaurant ordering space, and actively worked to support the start-up as a Software Engineer
- Worked on creating and continuously improving the company's core technologies, helping them meet industry standards and customer needs.
- Leveraged various tools and programming languages to accomplish diverse tasks and solve complex problems.