

Aaron Charnas

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EDUCATION

B.S., Computer Science

Expected Spring 2026

Western Michigan University, Kalamazoo, MI

Relevant Coursework:

- Computer Science I & II using Python
- Programming in C for cybersecurity
- Data & File Structures using Python and C++
- Introduction to Web Technologies using HTML and Java
- Computer Organization & Assembly Language using MSP430 Assembly and C
- Database Management using SQL
- Data Analysis Using R

Business Communications in Japan

Summer 2025

Japan Center for Michigan Universities, Hikone, Japan

- Experience Japanese culture and business practices in traditional and modern spaces. Well, doing business in a fast-paced and changing environment.
- learnt communication processes, created dialogue, built interpersonal relationships, communicated in groups and teams, and spoke to public audiences, including those aspects unique to Japanese culture

PROJECTS

Personal Website

2025

<https://aaronarnas.github.io/>

Built a personal website to showcase projects and skills using HTML, CSS, and JavaScript. With a design for mobile and desktop. Deployed using GitHub Pages. (Currently work is in progress)

Java Game Modification

2024

Developed a custom modification for Minecraft using Java and the Minecraft Forge API. Utilized Git to maintain a structured development workflow and conducted testing and debugging.

Robotics

2018-2020

Programmer for the FIRST Robotic Competition (FRC) and Oakland County Competitive Robotics Association (OCCRA). Collaborated with a team on Java and C-based code projects, implementing components such as photoeye, gyroscope, switches, encoders, and motors, contributing to the team's achievements in regional competitions.

RELEVANT SKILLS

Programming

Proficient in Python, HTML, Java, C, C++, SQL, R, and Assembly.

OTHER

Proficient in GitHub and Microsoft Office for documentation and communication.

EXTRACURRICULAR ACTIVITIES

WMU GAMERS GUILD

Lybrain

Responsible for game storage and management, as well as compiling a detailed record of over 500 games.