# John Harris

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## Languages

- Python (excellent)
- C++ (excellent)
- C# (excellent)
- HTML, CSS (excellent)
- JavaScript (excellent)
- Java (proficient)
- SQL (proficient)

## Dev Tools

- Unity
- GitHub
- Azure
- Blender
- Unreal Engine
- Docker
- Android Studio
- Aseprite

## Skills

- Communication
- Teamwork
- Adaptable
- Testing and debugging

## Notable Courses

- Data Structures and Algorithms
- Mobile Application Development
- Machine Learning
- Artificial Intelligence
- Web Application Development

## Extracurricular Activities:

- Love playing video games, sports, and table-top games

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As a Computer Science student at Michigan State University, I have a strong passion for game development and software engineering. I'm eager to apply my technical skills to create engaging games and innovative software solutions, while continuing to learn and grow in the industry.

## Education

**Bachelor of Science in Computer Science**

Michigan State University | Expected graduation May 2025

**Aug 2021 – May 2025**

**Varsity Esports Player, Michigan State Valorant Team**

- Compete on the varsity Michigan State University Valorant team consisting of seven select players. Valorant is a team-based video game where communication, practice, and teamwork drive success.
- Serve as the team's "In-Game-Leader." I create strategies, lead communications, and build the team foundation.
- Led the team to 105+ victories and three tournament titles: The Big Ten Conference tournament, Power Esports Conference tournament, Zippy's Hawaii Invitational, and Midwest Battleground.

**Jan 2025 – May 2025**

**Automotive Service Advisor Assistant AI** (Class Project)

- Collaborated with a team of five other students to develop a mobile application that serves as a resource for dealerships to help advisors maximize sales opportunities with the use of generative AI.
- Built with .NET MAUI (C# and XAML) as its frontend, .NET REST API for backend, and Azures OpenAI and Computer Visions.
- Created models to classify customers based on demographics, recommend services based on customer classification, vehicle information, and vehicle services history.

**Sep 2024 – Nov 2024**

**Brain Tumor Detection** (School Project)

- Worked with a team of 4 engineering students to develop a deep learning model to classify MRI images of brain tumors. Implemented a Convolutional Neural Network (CNN) using PyTorch, OpenCV, and NumPy.

**Sep 2024 – Nov 2024**

**Green Reader** (Class Project)

- This mobile application, developed in Java and XML, serves as a tool for golfers. Within this app the user can save their scores, connect with friends, and access a "green reader" which uses the accelerometer sensor to guide the user while putting.

## Work Experience

**Jun 2024 – Aug 2024**

**Server**
**Barton Hills Country Club, Ann Arbor, MI**

- Provided exceptional customer service to members and guests, ensuring a welcoming and enjoyable experience. Managed food orders served food and beverages and accommodated special requests with attention to detail and efficiency.

**April 2019 – Aug 2023**

**Assistant Manager**
**Baskin Robbins, Ann Arbor, MI**

- Assumed head leadership role multiple times during periodic manager absences and ensured weekly operations continued uninterrupted.
- Trained 10 staff members in food production, proper cleaning procedures, and customer service protocols.

*References and transcripts available upon request.*