

# Saicharan Vemuri

University of Michigan Bachelor of Science Engineering, Computer Science  
Minor in Japanese

[linkedin.com/in/saicharan-vemuri](https://www.linkedin.com/in/saicharan-vemuri)

[vemuri.saicharan@gmail.com](mailto:vemuri.saicharan@gmail.com)

## Fields of Study

Software Development  
Cybersecurity  
Game Development  
Japanese Translation/Interpretation

## Coursework

Data Structures and Algorithms  
Discrete Mathematics  
Foundations of Computer Science  
Web Development  
Advanced Spoken Japanese  
Japanese Interpretation

## Awards

International Baccalaureate Diploma  
Michigan Seal of Biliteracy: Japanese

## Education and Organizations

University of Michigan College of Engineering (Class of 2025)

- President of Video Game Music Club
- Community Manager of WolverineSoft: Game Development Club
- Performer at Michigan Sahana: Indian Classical Arts Club

## Notable Skills

- Experienced in **C/C++, C#, MATLAB, Python, JavaScript, HTML/CSS, Lua**
  - Applications: Simulation, Machine Learning, Data Visualization and Extrapolation, Game Development, Website Development
- Experienced in **Windows and Linux systems**, including command line and remote interfacing
- Experienced in **cybersecurity concepts** and **server administration** using Windows Server
- Languages: English, Telugu, Japanese

## Notable Projects

*[April-Sep 2023]* WolverineSoft Studio

- Created a full game in a studio team setting over the course of a semester
- Experiences: Unity Engine (C#), FL Studio, Wwise, Collaboration, Interfacing

*[Mar 2022 - Present]* WolverineSoft Game Jams

- Created playable games with a team within a 48-hour time limit
- Experiences: Unity Engine (C#), FL Studio, Collaboration, Interfacing

*[Sep-Dec 2021]* Team Search and Defend

- Designed and built a concept mobile sentry robot to defend South African farms from predators
- Experiences: Arduino Development (C++), CAD Design, 3D Printing, Soldering, Robotics