

Saicharan Vemuri

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

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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

Work Experience and Leadership

IAM Analyst Intern – Flagstar Bank [Summer 2023]

- Managed and maintained application entitlements and access groups via RSA and CyberArk
- Managed MFA and application access for new users from Signature Bank via Duo and ServiceNow
- Interfaced with business leaders to moderate entitlement maintenance

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, server administration, and Identity Access Management** using Windows Server and RSA
- 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