Saicharan Vemuri

University of Michigan Bachelor of Science – Engineering, Computer Science
Minor in Japanese
linkedin.com/in/saicharan-vemuri

Contact

24498 Martel Dr.
Farmington Hills, MI 48335
(248) 516-4776
vemuri.saicharan@gmail.com

Education and Organizations

University of Michigan College of Engineering (Class of 2025)
- Community Manager at WolverineSoft
- Officer at Video Game Music Club
- Performer at Michigan Sahana

Farmington High School
- Business Professionals of America States Competition

Awards

International Baccalaureate Diploma
Michigan Seal of Biliteracy in Japanese

Notable Skills

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

Relevant Coursework

EECS 281
(Data Structures and Algorithms)
EECS 280
(Programming and Data Structures)
EECS 203
(Discrete Mathematics)
ENGR 151
(Accelerated Introduction to Programming)
ENGR 100
(Robotics Mechanisms)
Game Design
(ClickTeam Fusion)

Notable Projects

[Mar 2022 - Present] WolverineSoft Game Jams
- Created a full game 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

[Jan 2020-2021] Nondescript Cybersecurity
- Compiled cybersecurity tools and techniques to raise awareness
- Experiences: Web Development (HTML/CSS), Amazon EC2 (Linux), Git/GitHub