

Harshit Kandpal

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Motivated and detail-oriented computer science student seeking software and development-related internships to leverage technical expertise and leadership skills. Passionate about solving complex problems, driving innovation, and delivering impactful solutions.

SKILLS

- **Programming Languages:** Python, C, C++, Java, JavaScript
- **Web Development:** Flask, HTML, CSS
- **Databases:** SQL, MySQL, SQLite
- **Software Development:** Object-Oriented Programming (OOP), GUI Development (wxWidgets, Tkinter)
- **Tools & Version Control:** Git, Linux

TECHNICAL PROJECTS

SPARTY'S BOOTS PROJECT

Michigan State University, East Lansing

Technologies: C++ | OOP | GUI | Git | wxWidgets | CMake

November 2024

- Developed an interactive C++ game utilizing visitor design pattern to manage and update game objects, including Sparty, Beam, and Product
- Designed an efficient update mechanism for game objects and streamlined game performance
- Focused on clean, modular code to facilitate future scalability and maintenance
- Collaborated in a team of 5, using GitLab for version control and Trello for project management

PFAS AND HUMAN HEALTH PROJECT

Michigan State University, East Lansing

Technologies: HTML | CSS | JavaScript

October 2024

- Developed an interactive webpage showcasing PFAS research using HTML, CSS, and JavaScript
- Implemented navigation highlighting and visual flowcharts for enhanced user experience
- Applied responsive design principles and ensured cross-browser compatibility

WORK EXPERIENCE

MICHIGAN STATE UNIVERSITY

East Lansing, Michigan

STUDENT INFORMATION TECHNOLOGY ASSISTANT

April 2024 - Present

- Deliver technical support for campus AV/IT systems, resolving hardware and software issues
- Set up and troubleshoot IT equipment for classrooms, events, and labs
- Cooperate with faculty and staff to maintain smooth IT operations and maintain system reliability

HONORS AND AWARDS

- **Tau Beta Pi Engineering Honor Society:** Member
- **Honors College,** Michigan State University: Member
- **Dean's List:** Fall 2022–Fall 2024 (5 consecutive semesters)

EDUCATION

Michigan State University, College of Engineering

East Lansing, Michigan

Bachelor of Science, Computer Science, GPA 4.0

May 2026

Major: **Computer Science**, Minor: Business

Junior, completed coursework in **Algorithms and Data Structures** and **Object-Oriented Software Development**

High School Topper, A.P.S. SP Marg

Lucknow, India

98.2%

May 2022

Related coursework: Computer Science, Physics, Chemistry, Mathematics and English