

Yash Patel

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Driven to pursue a career in software programming because of the passion for creating innovative solutions, solving complex problems and being at the forefront of technological advancement.

EDUCATION

Michigan State University, E. Lansing, MI	GPA: 3.83
Bachelor of Science, Computer Science	May 2026
Troy High School, Troy, MI	GPA: 3.83
High School Diploma	June 2022

PROJECTS

Fitness Pal Testing App, Engineering Club Jan 2022 - May 2022

- Collaboratively crafted a Fitness Pal app utilizing MIT App Inventor, a dedicated project undertaken by our team of four. Our app is designed to inspire users towards healthier lifestyles by offering personalized fitness routines and dietary guidance.
- Created an intuitive and interactive interface using MIT App Inventor, while implementing data collection mechanisms to gather user input and feedback for analysis and continuous improvement of the app's functionality.

Aces High Python Implementation, Project March 2022 - April 2022

- Managed the creation of the "Aces High" solitaire card game as part of a personal development project. Designed and implemented a user-friendly Python-based interface for players to enjoy the game on the command line.
- Utilized fundamental programming concepts to handle the deck of cards, shuffle them, and distribute them across tableau columns, while also initializing the foundation pile. Integrated various functions to enable players to interact with the game, including dealing cards to the tableau, moving cards to the foundation, and relocating cards within tableau columns.

Retro Rumble – A Platformer Game, Unity Projects July 2023 - Aug 2023

- Seamlessly merged coding and game design expertise, creating smooth mechanics, engaging controls, and captivating levels using Unity and C#.
- Combining aesthetics with gameplay, infusing game design into both characters and environments we were able to form a challenging mini game. Includes elevated player engagement through the integration of immersive sound effects and music. Our iterative refinement of gameplay not only achieved balance but also showcased our unwavering passion, collaborative prowess, and polished project management.

WORK EXPERIENCE

CVS - Troy, MI
Cashier May 2023 - August 2023

- Friendly and efficient cashier adept at accurate transactions, excellent customer service, and ensuring a smooth checkout experience for customers.
- Gained customer service abilities using interpersonal skills and positive attitudes.

TECHNICAL SKILLS

Programming Languages	:	C++, Python, C#
Website Development	:	HTML
Other Tools	:	MS Office, Unity Engine