

Sheel Patel

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Technical Skills

- Software Development (Python | Java | XML | HTML | CSS | JavaScript)
 - Teamwork and Collaboration | Managing Production Teams | Training and Development
 - Critical Thinking | Time Management | Leadership | Collaborative | Communication | Flexibility
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Education

Toronto Metropolitan University (Ryerson University), Toronto, ON

Bachelor of Science, Computer Science, Expected in 04/2027

- 3.7+ GPA
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Personal Projects

Pac-Man

- Implemented game mechanics such as ghost movement, collisions, and power-ups, resulting in an engaging and interactive gameplay experience using Python.
- Utilized Pygame library to create visual elements, including sprites and animations, enhancing the overall visual appeal of the game.
- Implemented intelligent enemy AI for ghost behaviour, providing challenging gameplay and strategic decision-making for the player.

TaskTonic

- The code utilizes strong local storage that enables saving and accessing of multiple task arrays representing various workflow stages. This critical feature ensures users can access their progress on different tasks even after closing and reopening the application.
- The code uses a drag-and-drop function to allow users to dynamically sort and move items across three task stages. Real-time updates to the HTML structure make the interface intuitive and user-friendly, greatly enhancing the overall user experience.

Minesweeper

- Developed a Minesweeper game into an Android application using Java and Android Studio, utilizing a grid layout to display the game board and implementing ImageView to display images.
 - Designed the game logic, including the placement of mines, the calculation of the number of neighbouring mines, and the opening of squares, demonstrating strong algorithmic thinking and problem-solving skills.
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Work Experience

Lifeguard 5/2023 to current

Canada's Wonderland, Vaughan, ON

- Enforced safety rules and monitored pool/beach areas for hazards/unsafe behaviours. Promptly responded to emergencies, providing first aid/water rescues while remaining calm and utilizing in-depth knowledge of rescue techniques such as CPR and water rescue. Stayed current with safety protocols/procedures.

Team Manager 10/2019 to 10/2021

Liberal Party of Canada (Youth Council), Brampton, ON

- Improved staff performance by creating a positive work atmosphere, administering recognition and reward programs, and enhancing team efficiency through sales, marketing, and promotions training. Additionally, I provided coaching, training, and development to improve volunteer relations, resulting in increased motivation and higher quality work from over 100 team members.

Automotive Mechanic 07/2019 to 08/2021

Exxon, Kendall Park, NJ

- Conducted comprehensive vehicle inspections, utilizing diagnostic and troubleshooting procedures to identify mechanical issues and check for leaks, damage, or other concerns.
 - Evaluated brake systems to determine maintenance requirements, including pad replacement or disc turning, and performed test drives to diagnose problems and verify repairs.
 - Completed preventive maintenance tasks according to OEM recommended schedules, such as engine tune-ups, oil changes, tire rotations, wheel balancing, filter replacement, and kept equipment well-maintained. Additionally, measured tire tread depth and educated customers about the importance of safe tire tread levels.
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Certifications/Awards

- Python Certification | Java Certification | Bronze Medallion | First Aid (CPR C)