

Tapan Patel

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EDUCATION

Conestoga College

Diploma in Computer Programming
Software Development, Data Structures, Web Development, Project Management

Waterloo, ON

April 2024

GPA 3.49/4.00

PROJECTS

Rising Stars

Lead Developer

Waterloo, ON

Jan 2024 - Apr 2024

- Built a platform for fostering innovation and collaboration among post-secondary students.
- Led the development of features such as user profiles, discussion forums, and project incubation space using ASP.NET Core MVC for backend development and PostgreSQL for the database.

Multi-Media Score

Project Developer

Waterloo, ON

Aug 2023 - Dec 2023

- Developed a Multi-Media Score application for accessing reviews of movies, games, and TV shows with an in-built TODO list for managing daily tasks.
- Used TypeScript and Angular for front-end development and JSON for data storage.

Ba nana Rama

Game Developer

Waterloo, ON

Aug 2023 - Dec 2023

- Designed and developed a PacMan-inspired game using C# and MonoGame.
- Implemented gameplay mechanics, including player movement, enemy AI, and scoring system. Conducted playtesting to enhance user experience.

QGame

Game Developer

Waterloo, ON

Aug 2023 - Dec 2023

- Developed a maze-level creation and exploration application using C# and Windows Forms.
- Created a user-friendly control panel for designing maze levels and integrated a save feature for sharing maze creations.

LEADERSHIP EXPERIENCE & INVOLVEMENT

Conestoga Coding Collective

Technical Coordinator

- Planned and executed 6 technical workshops and speaker sessions on topics like AI, cloud computing, and web development, attracting 30-50 students per event.
- Collaborated with industry professionals, faculty, and peers to deliver relevant learning experiences, fostering connections between students and tech experts.

Student Mentorship Program

Tech Mentor

- Mentored 15 first-year students in their transition to university life, offering advice on software development techniques, time management, and career pathways.
- Created a collaborative coding project where 5 mentees worked together to develop a small web application, fostering teamwork and problem-solving skills.

Capstone Showcase Team

Student Representative

- Represented the graduating cohort by showcasing the capstone project "Rising Stars".
- Answered questions from industry reviewers, faculty, and peers, demonstrating communication and product knowledge.

ADDITIONAL EXPERIENCE/HONORS/SKILLS/INTERESTS

Interests: Game development, Web design, Tech meetups, Open source contributions, UI/UX design, Innovation platforms, Mentorship.

Skills: Proficient in Visual Studio, Visual Studio Code, Git & GitHub, Android Studio, Microsoft & Google Suites, PowerApps, Canva; full-stack development; object-oriented programming; debugging & testing; time management; team collaboration; problem-solving; project leadership.