

Devarshi Patel

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EDUCATION

Toronto Metropolitan University (formerly Ryerson)

2021 – 2026 | Toronto, Canada

- Honors Bachelor of Science, Computer Science Co-op
- **CGPA** : 4.16 — Dean's List, Ryerson Scholar (\$8000)
- **Relevant Courses** : Data Structures, OOP in Java, Unix & C/C++, Computer Organization, Statistics
- **Clubs** : Ryerson Tri-Mentoring Program, Ultimate Frisbee Team

SKILLS

Languages	TypeScript, JavaScript, HTML, CSS, Java, Python, Bash, SQL
Frameworks & Tools	React, Node, Express, Next.js, PostgreSQL, Prisma
Concepts	REST APIs, Git VCS, Testing (Unit, E2E), DBMS

PROFESSIONAL EXPERIENCE

Fort York Food Bank

Aug 2022 – present

Operations Volunteer

- Engaged with clients by greeting them and offering assistance in delivering food products as necessary
- Received, sorted, and stocked 150+ donated goods per shift while routinely removing empty food cartons and breaking down boxes
- Oversaw inventory of food items, ensuring that low supply or expired date situations were properly communicated and replenished

TMU Faculty of Science

Aug 2022

Frosh Committee Member

- Collaborated with 14 other committee members in the planning and coordination of Orientation programs for 700+ incoming students to promote freshman social connection development
- Assisted with event registrations and sign-ins, interacting with over 300 students and their families daily

PROJECTS

Skool (REST-API) [🔗](#)

- **Technologies**: TypeScript, Next, Tailwind, Prisma, Postgres, Heroku, Insomnia
- Created a type-safe REST-API to perform CRUD operations on a DB of students & courses
- Designed DB relationships using dbdiagram and implemented it using SQL in PgAdmin
- Used React and Tailwind to build a custom 404 page, brief API docs, and DB snapshot

Psyyy (Web-App) [🔗](#)

- **Technologies**: React, Redux-Toolkit, Tailwind, Vite, Cypress (E2E)
- Developed a Web-SPA personal budgeting tool that helps keep track of all your expenses
- Created sorting logic & UI allowing users to sort transactions by price, date, and category
- Performed black-box testing by writing Cypress End-to-End (E2E) test cases with ChaiJs assertions

Wikiwow (Web-App) [🔗](#)

- **Technologies**: Next.js, Axios, Tailwind, Cypress (E2E)
- Built a Web-SPA used to determine historical events on a given month and day
- Implemented the Wikipedia API to grab historical data and update UI with events listed chronologically
- Curated Youtube videos relevant to an even using Node Youtube API wrapper

Monte Carlo Poker [🔗](#)

- **Technologies:** Python, SQLite3, Seaborn, Unittest
- Created a Texas Holdem Poker algorithm that evaluates hand probabilities using Monte Carlo Simulation
- Determined accurate hand probabilities across games of varying sizes over span of 10,000,000 simulations
- Performed statistical analysis on the Poker hand frequency distribution visualized using Seaborn