

DEVARSHI PATEL

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Education

Toronto Metropolitan University

Sept 2021 – May 2025

Honors Bachelor of Science in Computer Science Co-op

Toronto, Ontario

- CGPA : 4.15/4.33 — Dean's List, Ryerson Scholar (\$8000)
- Relevant Courses : Web Development, Data Structures, Operating Systems, Software Tools, Statistics
- Extra Curricular : Algorithms & Coding Club, Ultimate Frisbee Team

Technical Skills

Languages	Python, Java, C, HTML/CSS/JavaScript, TypeScript, SQL, Bash, Go, Elixir, Rust
Frameworks	React, Node.js, Express.js, Next.js, jQuery, Cypress
Databases	MySQL, PostgreSQL, SQLite3, Prisma (ORM)
Tools	Tableau, MS Excel, Git, Github Actions, MS Azure
Interests	Full-Stack development, Data Analytics, Quality Assurance, Competitive Programming

Projects

DSA Snippets - VSCode Extension | *JavaScript, JSON, Java*

- Created a JavaScript snippets extension with 200+ installs featuring 65+ Data Structures & Algorithms snippets.
- Interpreted the VS Code API to code the JSON snippets file, document Changelog, and publish to VS Marketplace.
- Reduced snippet formatting stage from 8 minutes to 2 seconds by automating the task with a Java program.

Toronto Starbucks Effect Analysis | *Python, Pandas, Plotly, MySQL, Tableau, MS Excel, Jupyter*

- Utilized Python for ETL processing of datasets from Starbucks and City of Toronto Open Data, before loading it into a MySQL database for efficient storage and retrieval.
- Leveraged Tableau to create interactive graphs and visualizations, providing key insights on the correlation between Starbucks locations and Toronto neighbourhood profiles.

Wikiwow - "On This Day" Web App | *Next.js, Axios, Tailwind, Cypress (E2E)*

- Built a responsive web-app used to exhibit historical events that occurred on a given month and day.
- Implemented the Wikipedia and Youtube APIs to grab historical data and curate relevant Youtube videos.
- Utilized Cypress to perform React component unit testing and application smoke testing.

Psyyy - Expense Tracker Web App | *React, Redux (Toolkit), Tailwind, Vite, Cypress*

- Developed a responsive personal budgeting web application with sorting features for transaction management.
- Conducted system testing by writing Cypress End-to-End (E2E) test cases with ChaiJs assertions.

drake.rest - Drake Quotes Web App | *TypeScript, Next.js, Tailwind*

- Developed a publicly exposed REST-API to serve random Drake quotes & song lyrics from a JSON corpus.
- Designed a modern, user-friendly interface that allows users to shuffle random Drake quotes and share them on Twitter.

Experience

Peer Mentor - Tri-Mentoring Program

Oct 2022 - Apr 2023

Toronto Metropolitan University

Toronto, Ontario

- Worked in a network of peer-mentors, advisors, and course staff which supported the academic transition & personal growth of Computer Science first-years.
- Crafted instructional activities with S.M.A.R.T goals, empowering students in learning specific academic skills while increasing test scores by more than 15% on average.
- Developed personable relationships with students to create a comfortable learning environment, increasing session follow-through by 45%.

Operations Member

Aug 2022 - Apr 2023

Fort York Food Bank

Toronto, Ontario

- Engaged with clients by greeting them and offering assistance in delivering food products as necessary.
- Collaborated closely in a team of 4 to sort, stock, and serve 400+ donated goods per shift.