

Fawaz Omidia

403-477-6978

fomidiya@gmail.com

4008 251 Jarvis Street, Toronto, Ontario, M5B 0C3

OBJECTIVE

Aspiring and motivated second-year University student with a deep passion for web development and a strong interest in engineering customer-focused solutions using innovative software. Looking to gain expertise and experience in computer science and software development, and explore different roles and functions of the product development lifecycle.

EDUCATION

Physics and Astrophysics, Computer Science Sep 2022 - May 2026

University of Toronto • Toronto

- Intro to Computer Science 1 and 2 - Studied object-oriented languages Python and C++. Designed and built multiple artifacts, including a functional calendar program with a GUI and an SQL database to parse user inputs, simulate a moving hotel elevator algorithm, and construct a web autocomplete search engine using BST sorting.
- Quantum Mechanics - Explored Quantum physics and the mechanics of matter on the particle level to engage with my curiosity of the universe.
- Calculus and Multivariable Calculus

High School Diploma Sep 2019 - Jun 2022

Phillips Exeter Academy • Exeter, United States

- Graduated with high honors from the #1-ranked secondary school in North America.
- Co-head of the Black Students Union and Young Brothers Society for Black/Latinx men. Organized events and worked with the administration for minority advocacy.

WORK EXPERIENCE

Literature Mapping Research Assistant Jun 2023 - Oct 2023

University of Toronto Computer Science Department • Toronto

- Streamlined and optimized curriculum content for Computer Science courses.
- Analyzed academic papers and studies to identify emerging trends and best practices in innovative CS education methods.
- Devised data-driven methods to assess the effectiveness of various teaching methods across diverse Computer Science courses.
- Contributed to a literature mapping review to be presented at the 2024 SIGCSE Symposium.

PERSONAL PROJECTS

- Self-taught in HTML and Java, to create a personal website.
- Learned Django to create an operational back-end and HTML/Java for the front end of social media business in production, linked to an SQL Database to handle user input and registration.
- Founded a social media business and designed a minimum viable product with a business model, revenue model, and an informational website.

SKILLS

- Python
- SQL
- Java
- Flask
- HTML
- C++
- Japanese
- Growth Mindset
- Leadership
- Time Management
- Forward Thinking
- Problem-Solving