

# Fawaz Omidia

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## OBJECTIVE

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Aspiring and motivated second-year University student with a deep passion for web development and Full Stack/Software engineering, 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

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**BSc Double Major- Astrophysics and Computer Science**  
University of Toronto • Toronto

Sep 2022 - May 2026

- 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.

**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

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**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

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- Self-taught in HTML and JavaScript, to create a personal website linked above.
- Learned Django to create an operational back-end and HTML/JavaScript for the front end of social media business in production, linked to an SQL Database to handle user input and registration.

## SKILLS

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Python, SQL, JavaScript, Flask, HTML, C, React, CSS