

Mustafa Timbawala

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Summary of Skills

- Proficient in React and NextJS due to a NextJS study timer project that used React-specific concepts such as JSX, hooks, and props.
- Competent in debugging from coursework in Software Design where it was required to methodically debug a variety of pieces of code.
- Familiar with Java due to coursework in Software Design course(CSCB07).
- Strong Coding skills as a result of course work in Software Design course from creating various pieces of code that employed OOP concepts.
- Excellent communication skills from being a mentor at the IMANI mentorship program.
- Skilled in HTML, CSS, and DOM due to personal projects such as my Task Tracker website.
- Knowledgeable of software development methodologies due to coursework in the Software Design course(CSCB07).
- Tentatively familiar with Github and Git due to coursework in the Software Design course(CSCB07).
- Competent in the basics of machine learning due to course work in the Coursera course Supervised Machine Learning.
- Proficient in C coding due to coursework in the course Computer Science II (CSCA48).

Education

University of Toronto, Scarborough

Scarborough, ON

Candidate, Honours of Bachelor of Science

2022 - Present

- Computer Science Co-op
- Awards: University of Toronto Entrance Scholarship (\$3000)

Experience

CSCB07, University of Toronto (Course work)

September 2023 – Present

(Course title: Software Design)

- Created many Java projects such as one to compute mathematical objects that employed OOP concepts that resulted in dynamic and functional code.
- Collaborated with a team of other students for a group project to produce an Android app.
- Debugged a variety of pieces of code to ensure functional and robust pieces of code.
- Studied and utilized code quality concepts to produce code that resulted in code that was maintainable, reusable, flexible, and readable.

- Implemented Scrum in the final software development project, fostering collaboration and flexibility, resulting in on-time delivery, exceeding expectations, and reinforcing the effectiveness of Agile methodologies.

IMANI, University of Toronto (Mentorship Program)

September 2023 – December 2023

(The Imani Black Academic Mentorship Program at the University of Toronto Scarborough is a program that serves to create access and inclusion pathways for Black youth in the Scarbrough Community.)

- Communicated and collaborated with other mentors to communicate complex ideas to mentees allowing them to fully grasp concepts they previously struggled with.

StudyTimer Website(Personal Project)

August 2023 – September 2023

- Created a personal study timer using NextJS and gained a fundamental understanding of React and NextJs.

Task Tracker Website(Personal Project)

December 2023 – January 2024

- Created a personal task tracker using the Django framework which incorporated HTML, CSS, and JavaScript for frontend functionality, and for the backend the relational database Sqlite, this resulted in a simple but dynamic and functional Web-App.

Supervised Machine Learning (Coursera course)

December 2023 – January 2024

- Completed a foundational machine learning course on Coursera which resulted in proficiency in essential concepts such as regression, classification, and feature engineering.

CSCA48 (Course work)

January 2023 – April 2023

- Created various projects in C that included implementing data structures such as Linked lists and Binary Search Trees, which resulted in me completing the course with a grade above the class average.