

# Mohamed Reda Mahboub

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## EDUCATION

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### University of Toronto

*Honours Bachelor of Science in Computer Science*

Toronto, ON

*Sep. 2021 – April 2025*

- GPA: 3.74
- Relevant coursework: Introduction to Computer Science, Software Design, Software Tools and Linux/Unix Systems Programming, Data Structures and Analysis, Computer Organization

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, JavaScript, HTML/CSS, Node.js, Bash

**Frameworks:** React, Express, MongoDB, Pandas, Sci-Kit learn

**Databases:** MongoDB, SQL

**Microsoft Office:** Word, PowerPoint, Excel

## WORK EXPERIENCE

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### FSG leader

*Robert Gillepsie Academic Skills Center*

September 2022 - December 2022

*Mississauga, ON*

- Helped University of Toronto students deepen their understanding of computer programming in Python and Calculus.
- Created weekly slides with PowerPoint to give a visual aid to students

## PROJECTS

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### Portfolio website

<https://github.com/Moe-Reda/portfolio>

- Designed the different components using React.
- Styled the website with Styled-components.

### Digital Dining Divas

<https://github.com/CSC207-2022F-UofT/course-project-digitaldiningdivas>

- Course project for CSC207: Software design.
- The project was coded in Java.
- The program respected SOLID and clean architecture concepts.
- Used Swing to design The UI.
- Implemented the search feature that allowed users to look for a specific dish or restaurant registered in the database.

### Simon's game

- Course project for CSC258: Computer Architecture.
- The project was coded in Assembly.

### ChatServer

- Course project for CSC209: Software Tools and Systems Programming.
- The project was coded in C.
- Use of TCP connections.