

ZAKIR MUHAMMAD

Computer Science student at the University of Toronto.

✉ zakir.muhammad@mail.utoronto.ca

🌐 zakirm.com

🌐 zakir-m

🌐 Zakir-Muhammad

EXPERIENCE

Research Assistant

University of Toronto

📅 September 2024 - Present

Software Developer Intern

Bank of Canada

📅 January 2024 - April 2024

- Produced, peer reviewed, and tested full stack code in **JavaScript, PHP, and Bash** for various applications and sites.

Web Developer Intern

Canada Summer Jobs

📅 May 2023 - August 2023

- Developed a website for a non-profit organization with a CMS using **Node.js, React.js, and Strapi**.

Analyst

BrokerLink

📅 May 2022 - September 2022

- Developed **Python** code to automate data entry processes dealing with spreadsheets and **XML** files.
- Wrote **queries** to create reports on Support Desk data.
- Created **regexes** for data protection software.

Project: Hermes Itinerary Creator

UofTHacks X

📅 January 2023

- Worked in a team of four to build a trip discovery tool using **Python, Flask, HTML, and CSS** that recommends places to visit based on the user's unique interests using the **OpenAI API**.
- Used the **Google Maps API** to display custom maps outlining the trip.

Project: Rubik's Cube Solver

CSC207 - Software Design

📅 December 2022

📍 University of Toronto

- Worked in a team of four to develop a Rubik's Cube solving application using **Java**.
- Utilized **Git** flow, **OOP** principles, **design patterns**, **Agile** methodologies, **UML** diagrams, and implemented accessible features.

EDUCATION

Honours BSc. in Computer Science

University of Toronto

📅 2021 - Present

- Computer Science Specialist, Mathematics Minor, Linguistics Minor.

High School Diploma

Middlefield Collegiate Institute

📅 2017 - 2021

- Received Honour Rolls each year.
- January 2020** - Received the York Region District School Board Excellence in Mathematics Award.
- June 2021** - Received the Middlefield Collegiate Institute Staff Emeritus Award.
- Programming Club Member.

EXTRA/CO-CURRICULARS

Computer Science Facilitator

University of Toronto - RGASC

📅 February 2023 - May 2023

- Led sessions to reinforce lecture material and help students build study habits.
- Prepared session plans, slides, and activities for students to complete.

Member

Google Student Developer Club

📅 October 2022 - Present

- Attended events and workshops aimed at improving computer science and programming skills.
- Participated in programming activities and contests.

TECHNOLOGIES

Java Python C Git Unix RISC-V PHP
HTML CSS Javascript SQL Node.js
Express.js React.js Google Cloud REST APIs

AWARDS

- October 2022** - \$1,000 Society of United Professionals Post-Secondary Scholarship.
- September 2021** - \$3,000 University of Toronto Entrance Scholarship.
- January 2020** - House of Commons Certificate of Recognition.