ZAKIR MUHAMMAD

Computer Science student at the University of Toronto.

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EXPERIENCE

Research Assistant
University of Toronto

📅 September 2024 - March 2025

- At the Heritage Language Variation and Change lab in the Department of Linguistics.
- Assisted graduate students and professors with research using linguistic tools and machine learning libraries.

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 Intern
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 that recommends places to visit based on the user's unique interests.
- Used **Python, Flask, OpenAI API, Google Maps API**.

Project: Rubik's Cube Solver
CSC207 - Software Design

📅 December 2022

- 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.
- Member of the Hart House Debating Club.

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

Outdoor Leadership Volunteer
Canadian Wildlife Federation

📅 July 2023 - October 2024

- Supervised and led participants in outdoor activities and conservation service projects within the Greater Toronto Area.

Computer Science Facilitator
University of Toronto - RGASC

📅 February 2023 - May 2023

- Prepared and led sessions to reinforce lecture material and help students build study habits.

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.