

Mohammed Rayyan Usmani

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EDUCATION

University of Waterloo

Waterloo, ON

Mathematics (Co-op)

September 2025 – April 2030 (expected)

Chinguacousy Secondary School

Class of 2025

- Honour roll (2021-2025)

PERSONAL EXPERIENCE

Elections Canada | *Information Officer*

April 18, 2025 – April 21, 2025

- Supported several smooth advance polling days by setting up voting signs, welcoming electors, checking for valid ID and directing them to the correct polling stations

Headstarter AI | *Internship*

July 26, 2024 – February 18, 2025

- Developed over 5 AI applications and APIs with the goal of reaching an audience of 1,000 users

ICNA Relief of Canada | *Clothing Packaging and Distribution Assistant*

January 27, 2023

- Helped organize and sort donated clothes by size, gender, and season, making it easier to give them out efficiently

LEADERSHIP EXPERIENCE

Waterloo StarterHacks | *Developer*

July 2024

- Participated in a dynamic workshop where a real-world problem was tackled by developing an innovative product

Muslim Student Association | *Co-President*

November 2022 – June 2025

- Organized and ran regular meetings, coordinating activities and events that celebrated Islamic culture, traditions, and values

PROJECTS

Near Me: An Interactive Map with Real Time Weather | *React, Leaflet, Google Gemini API, OpenWeather API, Overpass API, Node.js (Express.js)*

- Developed a web application enabling users to create and save custom locations on an interactive map while also being able to categorize them and receive real time directions and weather updates. Users also have the ability to ask the AI to create them a multi-step route based on their directional requirements.

RezPlan: An AI Driven Student Budget Tracker | *React, Google Gemini API, Tailwind CSS, Node.js (Express.js)*

- Developed an AI-powered web application targeting students living on residency that generates and tracks personalized student budgets based on user-inputted data

ACHIEVEMENTS

DECA/JOT | Regional Finalist (2022)

Waterloo Senior Math Contest | Distinction (2025)

ADDITIONAL SKILLS

Languages: Proficiently speak, read and write in English and Urdu