

Akshayan Rajendran

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EDUCATION

BEng - Computer Engineering, Toronto Metropolitan University (Formerly Ryerson University)

2025-2029

Relevant Coursework: GEO110 (Grade: A+) Geography - The Physical Environment.

EXPERIENCE

Faculty of Engineering and Architectural Science, TMU

Toronto, ON

First Year Committee

October 2025 - Present

- Selected to represent the first year engineering cohort and act as liaison between 1,500+ students and faculty leadership.
- Consolidated and analyzed qualitative feedback into actionable insights and recommendations presented to senior stakeholders at the FEAS Annual Success Meeting.
- Planned and executed 3+ large-scale initiatives (250+ attendees), managing timelines, dependencies, and competing priorities.

Metropolitan Undergraduate Engineering Society | TMU FEAS

Toronto, ON

- **Faculty-selected Delegate** – Canadian Engineering Leadership Conference (CELC) 2026. Chosen through a competitive application and interview process to represent TMU Engineering at The University of Western Ontario, London, ON. Previously selected to attend the First-Year Engineering Integration Conference (2025) at Queen's University, Kingston, ON.
- **Parliamentary Debate Winner** - Metropolitan Engineering Competition. Advanced to the Ontario Engineering Competition 2026 held at Carleton University, Ottawa.

IEEE Computer Society, TMU Chapter

Toronto, ON

Associate, External Affairs

October 2025 - Present

Supported strategic outreach initiatives by connecting 100+ TMU students with industry professionals across the GTA through panels, info sessions, and networking events.

Bhavan's Rajaji Vidyashram

Chennai, India

Cultural Secretary - Appointed Member of Student Council

January 2023 - May 2024

- **Chief Organiser** of "Astra'23", one of Chennai's largest interschool cultural fests, **leading a team of 100 students**- the event saw a record 40% increase in participation numbers, with over 50 schools and more than 2,000 students.
- **Awarded** the "Sri Lalchandji Chindalia Memorial Award" (2024) and the "Sekara Menon Memorial Award" (2023) in recognition of outstanding leadership, academic and extra-curricular activities.
- **Letter of Recommendation** from Ms Nutan John, BRV.

Guild of Service | Volunteer Teacher

Chennai, India

- Taught hearing-impaired students Science and Mathematics in classes 8-10.

PROJECTS

Weather and Air Quality Monitoring Station | December 2025

- Implemented embedded firmware in C++ (Arduino framework) to read multiple I²C sensors, compute derived metrics, and drive a 20×4 LCD and status LED for real-time local feedback.

Lightning MachQueen - Model Solid Rocket | September - December 2025

- Led structural planning and data analysis using CAD and OpenRocket, emphasizing precision, forecasting, and post-launch performance evaluation.
- Successful launch and recovery of the rocket with a safe flight envelope was conducted, post flight report was recorded.

DeliBot (Automated Delivery Bot and Logistics Simplifier) | December 2023

- Submitted to WAICY(World Artificial Intelligence Competition for Youth) and secured a position in the Final Round.

SKILLS

Strategy and Analytical Thinking • Data Analysis & Visualization • Qualitative & Quantitative Problem Solving • Planning, Organization & Prioritization • Stakeholder Coordination & Team Collaboration • Leadership & Public Speaking • Clear Written & Verbal Communication • Microsoft Office (Excel, PowerPoint) • Google Workspace • MATLAB & Python.

CERTIFICATIONS

Google BI, Banco Santander Leadership, MATLAB OnRamp, MDSA DataWorks, IEECS Software Fundamentals.