

# Akshayan Rajendran

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## EDUCATION

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### Toronto Metropolitan University - Toronto, ON

2025 - 2029

Bachelor of Engineering - Computer Engineering

## EXPERIENCE

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### Faculty of Engineering and Architectural Science, TMU

Toronto, ON

#### First Year Committee

October 2025 - Present

- Acting as a direct liaison between engineering students and the faculty. Presented recommendations on behalf of students to the faculty at the FEAS Annual Success Meeting, and organised 3+ events.

### IEEE Computer Society, TMU Chapter

Toronto, ON

#### Associate - External Affairs

October 2025 - Present

### Bhavan's Rajaji Vidyashram

Chennai, India

#### Cultural Secretary - 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.
- Editor - Bhavan's School Magazine, Founding Member - The Quiz Club, The Technocrats Club, Ensemble Director - School Band.
- Awarded the "Sri Lalchandji Chindalia Memorial Award" and the "Sekara Menon Memorial Award" in recognition of outstanding leadership and overall excellence.
- [Letter of Recommendation](#) from Ms Nutan John, BRV.

## LEADERSHIP

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### Metropolitan Undergraduate Engineering Society | TMU FEAS

Toronto, ON

- Parliamentary Debate Winner - Metropolitan Engineering Competition. Advanced to the Ontario Engineering Competition 2026 held at Carleton University, Ottawa.
- TMU Delegate - Canadian Engineering Leadership Conference - 2026, First Year Integration Conference - 2025, Ontario Engineering Competition - 2026.

### Guild of Service | Teacher

Chennai, India

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

## PROJECTS

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### Weather and Air Quality Monitoring Station | December 2025

- Implemented embedded firmware in C++ (Arduino framework) to read multiple I<sup>2</sup>C sensors, compute derived metrics, and drive a 20×4 LCD plus a status LED for real-time local feedback.

### Lightning MachQueen - Model Solid Rocket | September - December 2025

- Structural lead | Tools: CAD (OnShape), Data Analysis and Telemetry visualisation on OpenRocket.

### 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.

## CERTIFICATIONS

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