

Akshayan Rajendran

Toronto, Canada

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PROJECTS

Quantum Computing Project - In Progress

Natural Sciences Research Projects 2024

Conducted laboratory analysis of toothpaste formulations for oral health optimisation.
Laser Diffraction Analysis
Electrolytic Conduction Study
Produced, scripted and narrated a video on the discovery of the DNA double helix.

DeliBot (Automated Delivery Bot and Logistics Simplifier) 2022

Envisioned and designed a 3D model of DeliBot.
Submitted to WAICY(World Artificial Intelligence Competition for Youth) & ReadyAI and secured a position in the Final Round.

AutoWater (Automated CPVC Pipe) 2021

Created a design process for an alternative to existing water pipes, with the USP of the pipe being automated that regulates the flow of water according to use cases which contribute to water conservation.
Submitted project to "Vigyana Pradarshini" - Maths Exhibition and secured 1st place.

EXPERIENCE

Marketing Admin - Accounting4Hotels August '24 - Present

Helped set up the marketing side of the company, along with building the website.

Volunteer Teacher - Guild of Service, Chennai Nov-Dec 2024

Taught Science and Mathematics to hearing-impaired students of grades 8-10.

Cultural Secretary, Student Council - Bhavan's Rajaji Vidyashram Jan '23 - Feb '24

The Quiz Club - Founding member
The Technocrats Club - Founding member
Lead Editor - Bhavani Magazine
Ensemble Director - School Band

[Recommendation Letter from Ms. Nutan John](#)

Head Organiser of Astra'23, one of Chennai's largest inter-school cultural fests
The event saw a new record number of over 40 schools and 1500+ participants.
Lead a team of 90 members.

Head of organising committee for **Aakruti'23**, an intra-school cultural fest which saw the participation of over 500 students.

Percussion and Indian Rhythm Artiste **2016 - Present**
Formally trained in mridangam, with extensive experience as the lead percussionist.
Performed in over 25 musical programs, including two prestigious Carnatic classical concerts, associated with both traditional South Indian classical music and Western ensembles.

EDUCATION

BEng - Computer Engineering | Toronto Metropolitan University **2025 - Present**
Toronto, Canada

High School Diploma - Science Stream **2023 - 2024**
Bhavan's Rajaji Vidyashram & OSSD (CGPA - 8/10)

AWARDS

Shri Lalchandji Chindalia Memorial Award, Bhavan's Rajaji Vidyashram **2023**
Awarded for bringing maximum laurels to the school during the AY-2023/24.

Sekara Menon Memorial Award, Bhavan's Rajaji Vidyashram **2021**
Awarded for recognition of overall excellence for the AY-2020/21.

National Level Quizzing

Won and placed in 20+ quiz competitions representing the school.

International Olympiad Achievements

Top 200 international rankings in Mathematics, Science and Informatics Olympiads.

CERTIFICATIONS AND COURSES

IBM AI Developer Certificate - Coursera

Machine Learning Specialisation - DeepLearning.AI

High Performance Leadership Certificate - Banco Santander