

SKILLS

- ✓ **Bilingual:** French and English
- ✓ **MS Office:** Word, PowerPoint, Excel
- ✓ **Programming Languages:** Python, Java, JavaScript, C#, C++, HTML/CSS, Matlab
- ✓ **Frameworks & Libraries:** Node.js, Express.js, React, Android, MongoDB, Firebase Realtime Database, SQL

EDUCATION

Bachelor of Applied Science in Engineering Science

University of Toronto | 2021-2025

- 3.72 GPA

Ontario Secondary School Diploma

St. Marcellinus Secondary School | 2018-2021

- Governor General's Academic Excellence Award

RELEVANT COURSEWORK

Machine Learning

Coursera - Stanford University | 2020

The Complete Node.js Developer Course

Udemy | 2019

EXPERIENCE

ADCS Team Engineer | University of Toronto Aerospace Team • September 2021 – Present

UNIVERSITY OF TORONTO - UTAT

- Worked in the Attitude Determination and Control Systems sub-team on UTAT's satellite mission: FINCH
- Specifically worked on attitude determination and estimation methods

Junior Ambassador | Welcome Team • February 2020 – Present

TORONTO PEARSON INTERNATIONAL AIRPORT

- Completed training on airport terminal safety/operations, customer assistance and airport directions
- Strategized and evaluated airport operations during Covid-19 in focus groups and seminars

Computer Science Club President & Founder • September 2019– June 2021

ST. MARCELLINUS SECONDARY SCHOOL

- Managed an executive team while supervising 70+ students in weekly meetings
- Organized events, workshops, competitions and coordinated the teaching of advanced algorithm techniques such as BFS/DFS, dynamic programming and greedy algorithms
- Oversaw enrollment for coding related competitions and the club
- Expanded resources by establishing a partnership with Hack Club and StickerMule

Aviation Club Vice-President • September 2019– June 2021

ST. MARCELLINUS SECONDARY SCHOOL

- Managed club members in the construction of model aircrafts and focused on the aerodynamics and safety aspects
- Oversaw enrollment of members and helped in the management of the club's budget and finances

Junior Software Developer Intern • July 2020 – August 2020

LEGALIS SECRETARIAT

- Maintained the company's website by fixing various small issues in HTML, CSS and JavaScript and improved user experience by implementing new styles and designs on the website's homepage
- Added new features to the company's website like contact forms and helped in the publications of new articles
- Established a data entry tool to facilitate article publications on the website using Node.js in correlation with MongoDB

PROGRAMMING PROJECTS

HushedHomes

NODE.JS, LEAFLET.JS, HTML/CSS, JQUERY

- Developed a web application to find sources of noise pollution of a given address using the Open Street Map API

Hackathon & Competition Attendee/Award Winner (4x)

1ST PLACE SHERIDAN GAME MAKING CONTEST, 1ST PLACE DPCDSB GAME MAKING CONTEST, 1ST PLACE WORLD VISION GAME MAKING CONTEST, ONTARIO SEMI-FINALIST ECOO

- Attended 8+ Hackathons and competitions, winning 4 awards and 3 first place victories