

Duncan Yu

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EDUCATION

High School

St. Robert Catholic High School, Thornhill, ON | September 2021 - June 2025

An aspiring grade 12 student, excelling in **Business, Mathematics and Computing**. Collaborates effectively and works well independently.

EXPERIENCE

Envision Robotics

Lead Instructor & Python Curriculum Developer

Markham, ON
Sept 2023 - Current

- **Lead teams of volunteers** to **educate** and engage younger generations in **STEM activities** during standard after school classes and Summer Camps.
- Incorporate **problem solving skills** in order to resolve scheduling conflicts and issues that may arise during everyday operations.
- Implement **conflict management** strategies to settle **problems between staff and participants**, ensuring a safe working and learning environment.
- Create an **adaptable Python curriculum** tailored to **educating and engaging** young minds.
- Use/develop various softwares to **run machinery such as laser cutters, 3D printers and robots**.

EDPYPF Services Incorporated

Technical Support & Software Developer

Markham, ON
July 2019 - Current

- **Improve efficiency** through **Excel modeling** and **automation**.
- **Develop a Data Mart framework** using **Python and SQL** to load data into PostgreSQL DB from multiple files.
- Enhance the reconciliation process by delivering **Python applications** to identify missing values and columns.
- **Build a company website** within 3 weeks, improving brand broadcasting and online presence.

8 Globemaster RCACS

Flight IC & Coding Club IC

Richmond Hill, ON
Sept 2019- Current

- **Cyclone Flight 2IC in 2022-2023.**
- **Lead and mentor** younger cadets, developing skills in **leadership and team management**.
- Cyclone Flight IC in 2023-2024.
- Lead groups of cadets in various activities to **complete objectives and targets in a timely, organized manner**, further reinforcing **leadership skills**.
- Coding Club IC in 2023-2024.
- Kickstart and instructed 8 Globemaster's Coding Club, teaching cadets basic and advanced Python skills.

SKILLS & CERTIFICATIONS

Skills: Excel, SQL, Data Analysis, Software Development, Python, C#, Conflict Management, Leadership, Project Management, Critical Thinking, Consulting, STEM, Instructing, Team Building, Cooperation, Positive Discipline

Certifications: CPR/AED/First Aid