

Yi Jia Tan

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EDUCATION

McGill University, *Bachelor of Science in Computer Science*

Sept 2021 - present

– Cumulative GPA : 3.74 /4.00

EXPERIENCE

Competition Bureau Canada, *Backend Developer Intern*

May 2022 - Aug 2022

- Designed and built an automated **File Copy and Archiving Tool** to easily sort and back up files
- Developed an internal web tool independently to **automatically fetch specific files** for court cases
- Implemented **databases** to enhance product development and manage diverse applications

Technologies used: Python, FastAPI, SQL (Microsoft SQL Server)

Staples, *Customer Service Representative*

June 2021 - Aug 2021

- Maintained customer satisfaction with **forward-thinking strategies** focused on addressing customer needs and resolving concerns
- **Trained new personnel** regarding company operations, policies and services

Collège Jean-de-Brébeuf, *Mathematics Tutor*

Nov 2020 - Dec 2020

- **Collaborated with teachers** about specific student needs
- Supported students with **helpful study habits** and exam strategies to increase test scores by **80%**

Collège Jean-de-Brébeuf, *Teaching Assistant*

Jan 2020 - Mar 2020

- Assisted teachers with **classroom management** and document coordination to maintain a positive learning environment
- **Organized and guided activities** for a class of 50 students, including skills practice tasks and research tasks

Collège Élite, *Summer Camp Counselor*

July 2017 - July 2018

- **Implemented camp activities** fostering physical, social and emotional growth
- Guided group activities by leading, coaching and participating with groups of **30 to 50 campers**

PROJECTS

Google Clone, *Python, Django*

[Link to Project](#)

- Created a Google Clone using Django, which is hosted through Heroku

Air Traffic Data Visualization, *Python*

[Link to Project](#)

- Used an open-source API to fetch data related to flying departures to create a data visualization tool

SKILLS & INTERESTS

Languages

Python, Java, C, Bash, MIPS Assembly

Technologies

Unix, FastAPI, Django, Git, HTML/CSS, SQL (Microsoft SQL Server)

Interests

Audio, Volleyball, Reading, Enthusiastic Gundam Builder