

HANZ NATHAN PO

(647)-674-2006 | hanznathanpo@gmail.com | [linkedin.com/in/hanznathanpo](https://www.linkedin.com/in/hanznathanpo) | github.com/HanzPo | hanzpo.com

PROJECTS

Albumify - Automated Album Covers for Spotify Playlists - Hack the North Project

React.js, JavaScript, CSS, Chakra UI, FastAPI, Python

Sept. 2023

- Developed the user interface and frontend logic for Albumify, a web application aimed at automatic album cover generation for Spotify playlists, using React, JavaScript, and Chakra UI.
- Collaborated effectively with a multidisciplinary team of four to bring Albumify from concept to reality, using tools such as Git and GitHub.

Skills Canada Coding Competition - 1st in Ontario

Java, Maven

May. 2023

- Competed against representatives from 19 school boards across Ontario to create CRUD program in one day
- Utilized Java to read and write to a database containing recipe information, display recipes in an accessible format, filter recipes based on dietary restrictions, and calculate ingredients based on provided servings.

STEM Fellowship Big Data Challenge

Python, Matplotlib, Pandas, Scikit-learn

Nov. 2021 – Feb. 2022

- Analyzed the correlation between economic factors such as GDP, Human Development Index scores (HDI) against how much of a country's energy comes from emission-free and renewable sources
- Utilized Pandas to import and parse large datasets, observed patterns using Scikit-learn's regression functions, then visualized interesting findings through Matplotlib & Geopandas (world maps, scatter plots, line graphs)

EXTRACURRICULARS

Computer Science Club - Co-founder and President

May. 2023 – Present

- Led and organized regular club meetings, fostering a collaborative learning environment with workshops on various computer science-related topics including web development, tools such as Git, and contest preparation.
- Promoted enrichment opportunities such as hackathons and competitions in order to encourage hands-on experiences among members.

Model United Nations Club - President

Sep. 2022 – Present

- Facilitated training of all club members in preparation for conferences
- Organized school delegations to several conferences for the first time in club history
- Secured club funding, making conferences accessible to more students

EXPERIENCE

Student Intern - Leadership Department

Oct. 2022 – Jun. 2023

Toronto Catholic District School Board | Co-op

Toronto, ON

- Design promotional material for board-wide events, including posters, videos, and animations with tools such as Canva, Illustrator, and Premiere Pro
- Analyze data regarding student involvement and participation in 31 high schools across Toronto

EDUCATION

Francis Libermann Catholic High School

Toronto, ON

Ontario Secondary School Diploma (OSSD) | Expected Graduation Jun. 2024

Sep. 2020 – Present

- STEM Program - One of 52 students selected from 250+ applicants
- Honour Roll (2021, 2022, 2023)
- Finalist at school science fair, bronze medal at Toronto Science Fair

SKILLS

Soft Skills: Communication, collaboration, leadership, problem solving, interpersonal, analytical skills

Languages: English (Native), Hokkien, Mandarin, Tagalog, French

Programming Languages: C++, JavaScript, Python, C# (for Unity engine), Java, HTML, CSS

Tools: Git, Github, Visual Studio Code, Eclipse, Jupyter Notebook, Unity 3D, Vite, Node.js

Libraries: React, Express, Pandas, NumPy, Matplotlib, Scikit-learn, Tkinter