



# Curtis Ho

## Student

## My Contact

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✉ ho.curtis@outlook.com

📌 <https://www.linkedin.com/in/curtis-h-383426217/>

## Skills

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- 3D Modeling and 3D Animations
- Graphic Design
- Video Editing
- IoT Projects (Internet of Things)
- LLM Fine-tuning with Agentic Workflows

## Hobbies

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- Basketball
- Tennis
- Saxophone
- Chess

## Achievements

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- MIT Health Hack Aging-in-Place  
*Winning Team*  
2021
- NMH Derby Race  
*Third Runner Up*  
2021

## Languages

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- English
- Cantonese
- Mandarin
- French

## Education

**Northfield Mount Hermon School** 2020 – 2024

**University of Toronto** 2024 – 2028

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## Professional Experience

### Summer Intern at MIT Hong Kong Innovation Node

Jun 2021 – Aug 2021

- Worked with students from Hong Kong Polytechnic University on IoT projects involving Arduinos and MIT's App Inventor

### Research Assistant for Solar Man Air Conditioning

Jun 2022 – Aug 2022

- Applied product design with prior experience of animating Solar Man's revolutionary Personal Micro-Turbine A/C.
- Work involved the animation, fabrication, testing, and filming of Solar Man's inventions. One of the notable achievements was the creation of a patented air conditioning system that eliminates the need for ozone-depleting refrigerants, thanks to its innovative turbine design.
- In addition to work on Personal Micro-Turbine A/C, spearheaded a project focused on solar desalination of seawater with embedded energy generation.
- Took on the responsibility of managing the company's YouTube channel and building their website, due to the limited personnel in the startup.

### Youth Fellow at MIT Hong Kong Innovation Node

Jun 2023 – Aug 2023

- Led a talented team of high school students in the creation of several AI projects. One notable achievement was developing a music generation application using Chatbase and GPT. Additionally, collaborated with experienced medical students, accomplished doctors, and clinicians on a medical consultant chatbot. This chatbot was designed to assist users with screening and prevention of cancer and cardiovascular diseases, as well as address their vaccination concerns.
- Gained teaching experience during a short stint at St. Paul's Coed Summer Portal. Supported the instruction of MIT App Inventor and provided guidance to middle school students. Campers worked on projects focused on enhancing the Hong Kong tram riding experience

### Cofounder of STEMpire Bridge

Jun 2023 – Jun 2024

- Co-founded a social enterprise, establishing a STEM tutoring service where we tutored students from Massachusetts's public high schools and charter schools in Python and 3D Modeling.