

JINGTIAN HU

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SUMMARY

An undergraduate student at the University of Toronto pursuing a Computer Science Specialist. Skilled and fluent in Python, Java HTML, CSS, and SQL. Dedicated to fostering an inclusive environment to communicate efficiently and strive towards collaborative innovation.

EDUCATION

University of Toronto

CS Specialist with Biology Minor

Aug. 2024 - Present

Toronto, Ontario

- cGPA: 4.0

Maple Leaf International Academy - SZ

Honored class (Enlai Zhou Class)

Sept. 2020 - Jun. 2024

Shenzhen, Guangdong

- GPA 3.94
- AP courses taken: AP CSA 5, AP CSP 5, AP Calc BC 5, AP Biology 5, AP Psychology 5, AP Physics C Mechanics 5, AP Statistics 5, AP Physics 2 4

ADDITIONAL EDUCATION

Downing College Cambridge

Certificate Course - Computer Science

Aug. 2023 – Aug. 2023

Cambridge, England

- Studied machine learning and university-level math at Downing College, Cambridge
- Presented a RSA encryption algorithm for math final project and a performance analysis of supervised and unsupervised machine learning models fed by real-world data on credit evaluation, a binary classification problem, for computer science as final projects
- Finished the summer program with A+ and gained insights into statistical learning and began to see how the various areas of mathematics that I have studied fit together

EXTRACURRICULAR ACTIVITIES

New College, University of Toronto

Jr. House Representative

Sept. 2024 – May. 2025

Toronto, Ontario

- Co-planned a joint-house Halloween decoration event
- Organize biweekly bubble tea hangouts
- Meet weekly and discuss and bring potential issues to the head chief as part

STEM Club at MLIA-SZ

Cofounder

Since Sep. 2022

Shenzhen, Guangdong

- Taught people basics of Arduino
- Made a RC boat with IR sensors and motors
- Organized a remote control boat racing competition at the end of the semester

PROJECTS

Easy Comm

Jan. 2025

- Achieved efficient, low-level communication with socket
- Enabled multi-connection handling with selectors and implemented isolated chatting rooms with password verification features
- Accomplished a user-friendly GUI client and a command line help manual with tkinter

EXPERIENCE

UT Chinese Students and Scholars Association

Oct. 2024 – Present

Head of the Web Dev team

Toronto, Ontario

- Built a web enterprise resource planning platform for UTCSSA. It is right now still in development and being tested by a group of 30 people in the association. The data stored is handed to the analyst team for further analysis. Features include:
- members can create profiles so that UTCSSA smoothly collects the necessary data required for their Co-Curricular Record application and can create and view events, and create jobs.
- department heads can review pending events and member-created jobs.

AWARDS

University of Toronto - Capture The Flag

Jan. 2025

3rd. place within [UofT division](#)

Toronto, Ontario

Canadian Computing Competition (Junior)

Nov. 2022 – Feb. 2023

Perfect score: 1st in [the Honor Roll](#)

Shenzhen, Guangdong

- Competed as a self-taught participant, consistently doing coding exercises for 4 months

University of Toronto - The International Merit Admission Award

April. 2024

Total worth of \$50,000

SKILLS & INTERESTS

Skills: HTML, Python(Django, Tkinter, Request, Celery), Java, C, Nginx, Linux, SQL

Languages: English (fluent), Mandarin (native)