

HARRY ZHU

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VOLUNTEER EXPERIENCE

PURE DEGREE MANDARIN SCHOOL

Jul 2022 – Sep 2022

- Worked with six students throughout the summer to help improve their Math, English, and Mandarin skills
- Actively utilized various teaching styles and methods to effectively cater to each student's needs and maximize their ability to learn
- Planned out and led different events and creative activities to help them learn in an engaging and fun manner

LEUKEMIA AND LYMPHOMA SOCIETY OF CANADA

Jun 2019– Jun 2022

- Help package and sort promotional material such as flyers and booklets
- Organized and cataloged paperwork and sorted various receipts
- Assisted in setting up and help organize major large-scale events

CHURCH IN TORONTO

2017– 2019

- Assisted in leading the children's class each Sunday
- Planned out collaborative and fun activities to ensure the children's engagement while also learning simultaneously
- Facilitated in coordinating children's events through organizing the performances and also hosting the event

EXTRA-CURRICULARS

PROTEIN CLUB

Sep 2022 – Present

- Co-founded a club in my school geared towards weightlifting and promoting a healthy lifestyle through fitness
- Educated those new to weightlifting on what exercises to do as well as how to perform them
- Motivated and inspired confidence in other students through establishing a positive and supportive environment

CODING CLUB

Sep 2019 – Present

- Currently a leader in the club teaching competitive programming concepts such as various graph theory algorithms along with their implementations
- Trained and prepared advanced members for the senior division on the Canadian Computing Competition

SWIM TEAM

Sep 2019 – Mar 2023

- Competed since Grade 9 at many different levels from varsity to provincials
- 2023 TDSSAA City Swimming Championship 7th
- 2020 OFSAA Provincial Swimming Championship 19th

PROJECTS

S&P 500 FINANCE

[GitHub](#)

- Stock portfolio application focused on the the Standards and Poors 500 index that pulls current data from Google
- Created in Java using the JavaFX graphics library

CLOWNSWEEPER

[GitHub](#)

- Spin-off of the popular game Minesweeper
- Created in Java using the OpenGL graphics pipeline along with OpenAL for audio

HAND TRACKER

[GitHub](#)

- Hand tracking program using computer vision made in Python using OpenCV

COMPETITIVE PROGRAMMING

[DMOJ Profile](#)

- Solved almost 250 contest competitive programming questions on DMOJ using Java, Python, and C++
- Competed in the Canadian Computing Competition every year since 2020 and scored in the top 25% in the senior division in 2022 and 2023

EDUCATION

VICTORIA PARK COLLEGIATE INSTITUTE

Sep 2019 – Present

International Baccalaureate program

Higher Level: Mathematics Analysis and Approaches, Chemistry, English Literature

Standard Level: Computer Science, Physics, Economics, French

AP Credits: 5 in AP Physics C: Mechanics, 5 in AP Physics C: Electricity & Magnetism

ADDITIONAL

Programming Skills: Advanced in Java; Proficient in Python, HTML/CSS

Other Technical Skills: Word, Excel, PowerPoint

Languages: English; Conversational Proficiency in French, Mandarin

Awards: OAPT Ontario Physics Contest 17th place; Waterloo Canadian Senior Mathematics Contest 219th (top 1.6%)