

Julian Zhang

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EDUCATION

University of Toronto Schools

UTS Diploma, OSSD Diploma; Cumulative Average: 97.0%

Toronto, ON

Sept 2018 - June 2024

EXTRACURRICULARS

Canadian Students Debate Federation

Member, Team Canada Debate

May 2023 - Present

- Selected as one of 12 debaters to represent Canada at the World Schools Debate Championship 2024
- Attended weekly practices, workshops, and tournaments with the best debaters around the world

UTS Math Society

Executive and Head of Outreach

Sept 2021 - Present

- Taught competitive math concepts to a group of students in weekly pod meetings
- Organized Speaker Series events with reputable professors, outreach initiatives, and in-school contests

UTS Speech and Debate Society

Research and Mentorship Executive, Competitive Team

Sept 2020 - Present

- Researched current global issues in debate and presented to a club of more than 40 students
- Helped junior students prepare cases about a variety of political, geopolitical, and economic topics

WORK EXPERIENCE

University of Toronto Scarborough Clean Energy Lab Member

Group Member alongside PhD and grad students

July 2022 - Aug 2022

- Attended weekly group meetings and gave presentations under the supervision of Prof. Oleksandr Voznyy
- Used CGCNN (Crystal Graph Convolutional Neural Network) to examine trends in chemical properties for materials discovery aimed at producing cleaner energy to mitigate the effects of climate change

Schoolhouse.world Tutor

Registered Tutor in Algebra I and II

April 2021 - Aug 2021

- Taught high school-level math to 28 students in 7 countries, topics ranging from quadratics to logarithms
- Created course materials, communicated with learners, and addressed questions outside of class

Summer Development Debate Championship Director

Tournament Director, Communications Manager

Aug 2021, Aug 2023

- Ran and directed a 40 person novice debate tournament, raising \$400 for Toronto SickKids Hospital
- Managed promotions, registrations, participant communications, and judge allocation

HONORS AND AWARDS

American Invitational Mathematics Exam (AIME) - Qualifier

Feb 2023

Canadian Open Mathematics Competition (COMC) - Honor Roll x4

Oct 2019-2022

Canadian Computing Competition (CCC) - Honor Roll x3

Feb 2020-2022

JamHacks 7 Hackathon (largest in Canada) - First Place Project, Best use of GitHub

June 2023

Munk Debates & Branksome Hall Re:Solved Debate Competition - Champion (\$5000 prize)

May 2023

Hart House National High School Debate Tournament - Top Speaker, Top Team, Finalist

Feb 2023

Doxbridge World Schools Debate Tournament - 2nd Speaker, Top Team, Finalist

July 2023

Royal Conservatory of Music Grade 8 Piano, First Class Honors

June 2021

TECHNICAL SKILLS

Programming: C++, Java, Python, PyTorch, TensorFlow, HTML, JavaScript, CSS, LaTeX, Git, GitHub

Languages: Fluent in English and Mandarin Chinese, Working proficiency in French and Latin

Certifications: Supervised Machine Learning, Advanced Learning Algorithms, Unsupervised Learning

Soft Skills: Communication, Public Speaking, Problem Solving, Writing, Time Management

Miscellaneous: Royal Life Saving Society Canada Bronze Star Certification, CPR A and B