

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

Activities: Math Society Executive, Math Society Outreach Director, Speech and Debate Society Research and Mentorship Executive, Competitive Coding Club, AI Club, Web Development Club, Cuspidor Magazine Editor

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 practices, workshops with professionals, and tournaments with debaters around the world

UTS Math Society

Executive and Outreach Director

Sept 2021 - Present

- Taught competitive math concepts to students in weekly pod meetings
- Collaborated with peers to organize outreach initiatives, merchandise, and in-school contests

UTS Speech and Debate Society

Executive, Research and Mentorship, Competitive Team

Sept 2020 - Present

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

WORK EXPERIENCE

UTSC 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 discover trends in chemical properties for materials discovery aimed at producing cleaner energy and mitigating the effects of climate change

Schoolhouse.world Tutor

Registered Tutor in Algebra I and II

April 2021 - Present

- 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

Jun 2021 - Aug 2021

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

HONORS AND AWARDS

- American Invitational Mathematics Exam (AIME) Qualifier (Feb 2023)
- Canadian Open Mathematics Competition Honor Roll (COMC) (Oct 2019-2022)
- Canadian Computing Competition (CCC) Honor Roll (Feb 2020-23)
- JamHacks 7 Hackathon, First Place Project, Best use of GitHub (June 2023)
- Munk Debates-Branksome Hall Re:Solved Global Debate Competition, Champion (May 2023)
- Hart House High School Tournament, Top Speaker out of 300, Top team, Grand Finalist (Feb 2023)
- Oldham Cup - Best High School Speaker, 1st place High School team (April 2023)
- Royal Conservatory of Music Grade 8 Piano, First Class Honors (Jun 2021)

TECHNICAL SKILLS

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

Developer Tools: Git, VSCode, Visual Studio, CLion, PyCharm, Eclipse

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