

EDUCATION

Carnegie Mellon University, Bachelor of Science in Computer Science, Pittsburgh PA , GPA: 3.97/4.00 **May 2025**
Selected Coursework: Principles of Imperative Computation, Mathematical Foundations for Computer Science, Matrices and Linear Transformations, Great Practical Ideas in CS

Unionville High School | High School Diploma, Toronto ON, GPA: 4.00/4.00 **June 2021**

EXPERIENCES

BizZone Inc | Web Developer Toronto, ON **Jan 2021 — Aug 2021**

- Developed business intelligence data visualization tools with typescript and Echarts and used by 1000 customers
- Experimented with a Unity application for meetings in virtual reality to explore better options of virtual meeting
- Worked with a team of 7 developers to integrate the visualization tool into web services

Canadian Girls' Math Challenge | Co-founder & Organizer **Jan 2020 — Jun 2021**

- Hosted annual math contest with over 200 participants each year for 2 years
- Wrote original math problems with 4 other girls for three different divisions

UHS Computer Science Club | Co-president **Dec 2019 — Jun 2021**

- Taught more than 100 members competitive programming
- Hosted the first ever school-wide programming contest with 30 participants

UHS Math Club | President **Sep 2019 — Jun 2021**

- Advertised, organized meetings and taught olympiad-level math to 30 members for 2 years
- Led a team of 6 and received first place at the Canadian Team Math Challenge

UHS FRC Team | Programming Co-lead **Sep 2019 — Jun 2021**

- Implemented robot systems using Java with WPILib as well as vision system with OpenCV and Chameleon Vision

University of Toronto Dynamic Graphics Project | Volunteer Researcher **Apr 2019 — Aug 2021**

- Developed a VR utility for geometry processing library Libigl using OpenVR and OpenGL collaborating with Professor Jacobson and PhD mentor Sarah

SKILLS

Programming Languages C++, Java, Javascript, Typescript, HTML, CSS
English, Mandarin

AWARDS & HONORS

2021 European Girls' Olympiad in Informatics Bronze Medal; USA Computing Olympiad Gold Division; AP National Scholar; AIME Qualifier

2020 Canadian Open Mathematics Challenge Silver Award; European Girl's Mathematics Olympiad Team Selection invitee; AIME Qualifier