

*Star Xie



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Experience

Backend Developer Intern

June 2020 - Present

Ontario Cooperative Educational Association, ON

- Compiled a formal report addressing various improvements of the current webpage for UI friendly interaction
- Iteratively tested and designed new backend needs to maximize advertising and generate income
- Implemented cleaner layout and improved flow to improved readability
- Developed models based on needs of the organization to increase audience reach

Ethical Coder and Web Developer

September 2019 - Present

SHSM & Hack Club, Markham, ON

- Organized and led a SPCC website building workshop with SHSM endorsements for over 50 students
- Strategized with lead team members to efficiently plan and execute event ideas

Mathematics Instructor

September 2018 - Present

Mathematica Club, Markham, ON

- Led team to top 20 in teams round internationally, at the Winter Harvard-MIT Math Tournament (2019)
- Placed in the top 0.01% in Waterloo's Canadian Senior Math Competition (2019)

Robotics Developer and Designer

September 2018 - July 2019

Trubotics Club, Markham, ON

- Engineered, designed, and developed various hardware parts of VEX robots
- Effectively managed and collaborated with other team members to compete in competitions
- Programmed using ROBOTC language for robot's control

Education

Pierre Elliott Trudeau High School

September 2017 - Present

Markham, ON

- Currently in Grade 11 with 99% in Functions, 98% in Grade 12 Computer Science
- Potential Specialist High Skills Major in the Information and Communications Technology Sector
- **Clubs:** Student Council, Math Club, CS Club, DECA, Cross Country and Run Club, String Quartet

Skills

- **Programming Languages:** Java, Python, HTML, CSS, Bootstrap, C#, C++
- **Programs:** Microsoft applications, Adobe (Photoshop, After Effects, Video Editing)
- **Exponential Technologies:** Artificial Intelligence, Machine Learning, Quantum Computing

Interests & Achievements

- **Math Contests:** CIMC top 0.1%, CSMC top 0.01%, HMMT 1st in Canada, AMC 12 Distinction Award
- **Camps & Hackathons:** CMS National EGMO Camp 2020 participant, PCHacks participant
- **Business Achievements:** 2 x DECA ICDC qualifier, Rotman Case Competition Finalist
- **Youth Volunteer Award Recipient:** 600+ hours with the Kindred Spirits Orchestra, Red Cross, and Sick Kids
- **Musical Achievements:** 3 x MusicFest Nationals Platinum Award (soloist and group)