

# Ethan Sun

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## Education

### University of Waterloo

BCS, Honours Computer Science with Co-op

Sept 2025 - Present

### Merivale High School

International Baccalaureate Diploma Programme

Sept 2021 - Aug 2025

Average: 96.8

Silver Medalist, Honour Roll, Ontario Scholar

## Experience

### Marauder's Cup Convenor

Feb 2022 – Present

- Convened 3 tournaments each year
- Recruit, manage, train, and delegate tasks to volunteers
- Ensure the success of the tournaments
- Given the Opportunity to convene for the 2024 NCSSAA Volleyball Championships

### Spark Youth Robotics

Aug 2023 – Present

Mechanical Member

- Work on the design, building and testing process of the robot
- Fixed damaged parts of the robot in between matches as a member of Pit Crew
- Hosted a workshop to train new members
- FRC Team 8729 - Division Champion *FIRST Ontario Provincial Championship - Technology Division – Apr 2024*

### Vex Robotics

Sept 2023 – Present

Mechanical Team Lead and Robot Driver

- Lead the design, building and testing process of the robot
- Help engage all members and work together
- Robot driver during competition

### JaysCare Foundation Volunteer

Nov 2022 – Dec 2022

- Led a group of 8 aspiring baseball players
- Worked with them through drills and fun activities
- Adapted the activities to better suit their learning styles
- Inspired them through baseball
- Helped build their skills in teamwork, leadership and resiliency

## Projects

### Chess4All

Feb – May 2024

- Grade 12 computer science final project
- Chess database allowing beginners to learn basics principles and openings
- Users can also play interactive puzzles to put their skills into practice
- Done using IDE MS Visual Studio Code, HTML, CSS, JavaScript and Firebase

### LazyPaste

December 2024

- Chrome web extension that allows students to be more efficient when studying
- Uses languages like HTML, CSS, and JavaScript
- Uses Google Docs API to apply direct changes to a Google Doc
- Sends Questions through Open API and directly types the answer into Google Docs

## Skills

Languages Python

Familiar Java, JavaScript, CSS and Firebase