

# Ziang Wang

**McGill University Co-op Software Engineering Student**

## Contact

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## Profile

Hello! I am currently a McGill University Software Engineering Student. I am skilled in computer programming and photography. Started to participate all kinds of Math competitions since youth, I have acquired many question-solving techniques and knowledge. I invest most of my spare time in studying extra math and physics. In the recent years, I self-teach myself many advanced topics in Topology, Number Theory and Function Analysis. My Math competition background acts countlessly as a valuable asset in my computer programming career.

## Education

*2023 - current*

Enroll in McGill University, Co-op Software Engineering, B.Eng.

*2021 - 2023*

Graduated from Marianopolis College, pre-university DCS diploma.  
Honours Pure and Applied Program

*2016 - 2021*

Graduated from College Prep International, Quebec Highschool diploma.

## Programming Language

Python  
C++  
Java Script  
JS React  
HTML  
CSS

## Extracurricular activities and Experience

*2019*

Local Science Fair, Project: Signal Blocker, Bronze award

*2020*

Local Science Fair, Project: Graphic Processing Using Linear Algebra, Sliver Award

*2021-2022*

McGill MPOP online physics course

*2022*

Obtain Drone Pilot Certificate

## Language

English  
German  
French  
Chinese

2022-2023

Student grader for Cal 1,2,3

2022

FRQNT summer internship on Topological Data Analysis and its  
Computer Implementation

2023

Presenting three major seminars about Homology, Fundamental Math  
Definitions and Baire Space, respectively.

## Awards

2019

Canadian Open Mathematics Challenge: Bronze Award-Quebec Grade  
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2019

Canadian Senior Mathematics Contest: Top twenty-five percent

2020

Canadian Open Mathematics Challenge: Silver Award-Quebec Grade  
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2020

Purple Comet! Math Meet: Second place for Canada High School  
Mixed Team

2021

American Mathematics Competition: Qualified to compete in the  
American Invitational Mathematics Examination (top 2.5%)

2021

Canadian Open Mathematics Challenge: Performance with Distinction,  
top 97 percent domestically, top 99 percent inside the Province of  
Quebec