





MATTHEW YU

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EDUCATION

Dr. G. W. Williams Secondary School

International Baccaureate Diploma Program

Sept, 2021 - Present

Aurora, Ontario

- Math Club; Coding Club; Robotics Club; XC running; Track & Field Running; Debate Club; Ethics Bowl; DECA; Honour Roll;

SHAD Canada

STEM program

July 2024 - July 2024

Online

SKILLS

Coding Languages: Java 11, C++, JS (React JS, Next JS), HTML, Bash, Firebase and MySQL back-end.

Collaboration: Git, Gitbook, Figma

Communication: CSS, LaTeX, Manim

General Skills: Olympiad-level Math Knowledge, Problem-solving, Data structures & Algorithms, Long-distance runner (Provincial-level runner)

CONTESTS & ACHIEVEMENTS

Math Certifications of Distinction: Cayley, Fermat, COMC, AMC, CSMC, etc...

Sept. 2019 - Present

USA Computing Olympiad: Sliver Division

Sept. 2021 - Present

Online Judges: Hundreds of solved problems in Codeforces, CSES, DMOJ, Atcoder

Sept. 2021 - Present

Canadian Team Math Competition: Top 6 Team

April 2024

1st Place at PTC Hacks: Life Under Water (First Hackathon)

June 2024

More achievements and details can be viewed on my [website](#).

SAMPLE OF PERSONAL PROJECTS

- **MiliBLOCK:** Personalizable website blocker that motivates you.
- **Sea Debris Ocean Promotion:** Using Leaflet Js, predict where ocean trash will likely end up on a map.
- **Mental-Health Chat Bot:** Accessing OpenAPI to create a friend you can talk to.
- **Personal Website:** Utilisation of the React Library and vanilla HTML, CSS, JS.
- **Lemniscate:** A collaborative note-taking website utilizing famous, organized note-taking templates.



More projects can be viewed on my [website](#) and my [github](#)