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; 4x Repertoire

SHAD Canada
STEM program

July 2024 - July 2024
Online

SKILLS

Full Stack: Java 11, C++, JS (React JS/TS, Next JS/TS), HTML, Bash, Terminal, Vim, Firebase and MySQL database

Collaboration: Git, Gitbook, Figma

Communication: CSS, LaTeX, Manim

General Skills: Olympiad-level Math Knowledge, Problem-solving, Data structures & Algorithms, Competitive programming, 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