

Jae Park

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Experience & Extra Curricular

Incendium Academy

2020 - present

Co-Founder

- Co-founded and directed a non-profit online education platform that aims to level the playing field for high school students who cannot afford STEM contest preparation
 - ◆ Received the \$750 **Rising Youth Grant**
 - ◆ Organized budget spending for development, content, design, and promotion teams
- Managed mathematics content team
 - ◆ Wrote over 20 lessons and problem sets detailing concepts in AMC, COMC, CEMC contests
 - ◆ Worked alongside high school teachers to develop an effective curricula

Mackenzie Science Club

2018 - present

Event Design Exec Team

- Designed and supervised weekly events for hundreds of students within the school
 - ◆ Came up with solutions to accommodate for COVID-adjusted school schedules
- Mackenzie Science and Engineering Olympics (MSEO)
 - ◆ Managed and directed 100+ middle school students for the annual school-held science Olympics
 - ◆ Supervised and prepared events that involved handling various chemicals and scientific equipment

Chemistry Club

2020 - present

Co-President

- Created and taught club members weekly, specializing on AP/University level thermodynamics and statistical mechanics

HOSA Team

2019 - present

Trainer

- Taught lessons on epidemiology at weekly meetings as a trainer of the school HOSA team
 - ◆ Created weekly lesson plans and homework material

Peer Tutoring

2019 - present

Math Tutor

- Tutored students in our school weekly, from grades 9 to 11 on various math concepts
- Helped one student increase their mark from midterms to finals by 19%

Contest and Achievements

CEMC Math Contest 2018, 2019: Honour Roll: Fryer (2018), CSMC (2019)

COMC Math Contest 2019: Top quartile

GEO Model UN: Best Small Delegation Award

University of Guelph Science Olympics 2019:

1st place in chemistry event, 2nd in biology event

More achievements can be found on my website.

Projects

Game Development: Interactive educational fire safety game with 3 unique levels that each use different computer I/O. Made in Java.

Portfolio: A website built from scratch, with a blog feed of various topics written over quarantine. Created with HTML/CSS.

More projects can be found on my website.

Education

William Lyon Mackenzie CI
Grade 12 MaCS Program

Standing top 6 average: 97

MaCS Program:

Specialization in math and computer science

AP Credits

Computer Science A (5)

Calculus BC (5)

Skills

Technologies:

- Java, C/C++, Turing, HTML, CSS
- Arduino, Git, SketchUp, Adobe

Other:

- English, Korean
- LSS Lifeguard/SFA