Jae Park

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Experience

Mackenzie Science Club   *2018 - present*
Event Design Exec Team
- ➔ Designed and ran over 20 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 various events that included the handling of various chemicals and dissections

Model UN   *2019 - present*
Club Secretary

- ➔ Managed club communications, attendance, and organized model UN conferences
- ➔ Helped build the club website which now hosts various forms, announcements, links to over 40 members

HOSA Team   *2019 - present*
Mentor and Trainer
- ➔ Studied epidemiology and held weekly training sessions as a mentor of the school HOSA team
    - ◆ Created weekly lesson plans and material that trainees should learn

Korean Culture Club   *2019 - present*
Dance Team
- ➔ Led my group during weekly rehearsals to choreograph K-pop dances that would be presented at the school's Culturama performance

Tutoring   *2019 - 2020*
Tutor
- ➔ Taught students 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 <u>2018</u>, <u>2019</u>: Honour Roll: Fryer (2018), CSMC (2019)
COMC Math Contest 2019: Top quartile
Avogadro Chemistry Contest 2019: Global 85% percentile
Western University Science Olympics 2018:
    3rd place out of 50 teams in electrical engineering
University of Guelph Science Olympics 2019:
    1st place in chemistry event, 2nd in biology event

More achievements can be found on my website.

Education

William Lyon Mackenzie CI
Grade 12 MaCS Program
    Part of 3 executive teams and numerous other clubs. Working towards the FIT certificate.

AP Credits
Computer Science A (5)
Calculus BC (5)

Projects

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

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

Jammin bot: Discord bot containing a multitude of features in Python.

More projects can be found on my website.

Skills

Languages:
- ➔ Java, C/C++, Turing, HTML, CSS, Javascript
- ➔ English, Korean (TOPIK 4)

Technologies:
- ➔ Arduino, Git, SketchUp, Adobe software