

Jaehah Shin

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Website: <https://jahahshin.github.io>

Experience

May 2023 - Present

Undergraduate Researcher

@ Ted Rogers Centre for Heart Research – Franklin Research Lab

- Supervised by Professor Daniel Franklin
- Helping graduate student on Induced Local Thermal Hyperemia Coupled with Laser Doppler Flowmetry to Assess Endothelial Function More info @: <https://franklinresearch.ca> + <https://jahahshin.github.io>

Feb 2023 – Present

Aerodynamics Subsystem Member

@ UTwind

- Using q-Blade software to optimize the shape of the blade
- Making part of the turbine, using 3-d printer and wood
- Working on for the International Small Wind Turbine Contest currently

Jan 2023 – May 2023

Q - News Contributor

@ UTQC (University of Toronto Quantum Computing)

- Writing each week's q-news segment, as editors on LaTeX.
- Find a research paper that is related to quantum computing that I found interesting to share with people

Sep 2021 – June 2022

Laboratory Technician / Laboratory Assistant

@ Yale Secondary School Chemistry Lab

- Made AP Chemistry questions for a test bank for the Edvantage AP 2 book publisher
- Taught chemistry classes on an as-needed basis when the teacher was absent
- Organized chemistry lab and prepared for the lab materials and solutions daily

Sep 2020 – Present

Founding Member / Co-Founder

@ Raum Hangul

- Korean volunteer foundation that I co-founded with my friends during the pandemic
- Oversee all students, teachers, and programs
- Contact newspaper publishing companies to promote events

Sep 2022 – Present

Executive of Marketing (2022) / Academic (2023) Department

@ UTKESA (University of Toronto Korean Engineering Students' Association)

- Help 1st year students to adapt to university well
- Give advises on academic sides to peers and 1st year students
- Make posters to promote events

Education

University of Toronto |

Bachelor of Applied Science & Engineering

Program: Engineering Science

Sep 2022 - 2026 + PEY

Yale Secondary School |

Dogwood Diploma

Sep 2018 - June 2022

Abbotsford, British Columbia, Canada

Skills

- Python
- C
- LaTeX
- MATLAB
- Certification in Korean Proficiency Test (Highest Level)
- Chinese Character Certificate (Pre-level 4) [A lower level is better]
- HSK (Chinese Proficiency Test)
- CAD
- VIM
- Microsoft Office Suite: Word, Excel, PowerPoint

Awards & Scholarship

- British Columbia Chemistry Olympiad in June 2021
 - Bronze Medal
 - School Champion
- TRU chemistry contest in June 2021
 - 3rd place in B.C.
- UFV math contest B.C. in Feb 2019
 - 4th place
- 18U AA Baseball Provincial Championship in Aug 2021
 - MVP / 1st place in B.C.
- Youth Leadership Scholarship
 - Issued by Milal Church in 2022
- Joseph Chung Scholarship
 - Issued by Coram Deo Foundation in 2022