

Jaehah Shin

Toronto, ON, Canada

Mobile: 778-222-4285

E-Mail: jaehah.shin@mail.utoronto.ca

LinkedIn: www.linkedin.com/in/jaehah-shin-473309248

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.
- Designing with iteration printed circuit boards (PCBs) integrating Maxim components for wearable device centred on heat regulation.
- Assisting a graduate student with research involving "Induced Local Thermal Hyperemia Coupled with Laser Doppler Flowmetry to Assess Endothelial Function."

Feb 2023 – Present

Aerodynamics Subsystem Member

@UTwind

- Using q-Blade software to optimize the shape of the blade
- Working on for the International Small Wind Turbine Contest

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

- Taught chemistry classes on an as-needed basis when the teacher was absent.
- Made chemistry quizzes as needed basis.
- Marked every chemistry quiz and test.
- Made AP Chemistry questions for a test bank for the Edvantage AP 2 book publisher.

Sep 2020 – Present

Founding Member / Co-Founder

@ Raum Hangul

- Korean volunteer foundation that I co-founded with my friends during the pandemic
- Offering Korean program to children through Zoom
- Hiring high school volunteers for teaching
- Oversee all students, teachers, and programs

Sep 2022 – Present

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

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

- Running tutoring session before midterm for first year students for ESC 194 (Calculus 1)
- Help 1st year students to adapt to university
- Give advice on academic sides to 1st year students

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
- System Verilog
- Assembly
- LaTeX
- MATLAB
- Fusion 360, Eagle, Altium Designer
- Certification in Korean Proficiency Test (Highest Level)
- Chinese Character Certificate (Pre-level 4) [A lower level is better]
- HSK (Chinese Proficiency Test)
- 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
- Youth Leadership Scholarship
 - Issued by Milal Church in 2022
- Joseph Chung Scholarship
 - Issued by Coram Deo Foundation in 2022
- Joseph Chung Scholarship
 - Issued by Coram Deo Foundation in 2023