

Jongmin Lee

[LinkedIn](#) & [GitHub](#): jo-9m-n1 | [Portfolio](#): jongminlee.vercel.app

EDUCATION

McGill University (Est.) | Montreal, QC
Computer Science (Bachelor of Science)

June 2029 (Est.)

Dawson College | Montreal, QC
Science, Computer Science and Mathematics

June 2026 (Est.)

EXPERIENCE

GIO Engineering – Jeonju, Korea
Engineering Intern

June 2025 – August 2025

- Made CAD files for architecture

Rosemount High School – Montreal, Canada
Peer tutor

February 2024 – June 2024

- Tutored math and science to other students

PROJECTS

Liminal (Mila AI for Good Hackathon) | Python

- Improved crisis recall by **9x** by engineering a dual-tier AI guardrail system to detect and intercept mental health emergencies

Dr. Bob (ConUHacks **2nd** in Dialogue Track) | Python, Gemini API, Twilio API

- Developed an AI patient intake pipeline using Gemini and Twilio APIs to convert voice calls into medical data

Chemically Bonded | Python, JavaScript, RDKit

- Built a chemistry AI **reducing 3D model generation latency by 27.1x** compared to Claude Sonnet 4.6

OurCampus (JACHacks **1st**) | Next.js, Unifi API, Gemini API, Python

- Developed a real-time campus foot-traffic heatmap that processed live network data from **100+ network access points** via the Unifi API, enabling campus security to monitor live foot traffic

SKILLS

Programming Languages: Python (Flask, PANDAS, Numpy and Matplotlib), JavaScript

Languages: Korean (Native), English (Native), French (B2)

AWARDS

9 Hackathon Awards: Dawson Robotics Hackathon 2026 (3rd), JACHacks (1st, Best Science Student Project), McGill AeroHacks (1st), @HACK (3rd in Beginner Track), Dialogue Internal Hackathon (Best New Genre), ConUHacks (2nd in Dialogue Track), HackDécouverte (Best Use of Gemini API), Dawson Robotics Hackathon 2025 (2nd)
Mathematics: Waterloo Math Contest School Champion (Top 25% globally), HME Math Contest (1st in Korea),
Academic: Dean's List (Dawson College), High Honor Roll (Rosemount High School), Honor Roll (Rosemount High School)