

Young Kim

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TECHNICAL SKILLS

Languages: Java, R, Haskell, Python*, HTML/CSS, C++*

Frameworks & Tools: JUnit, Spring Boot*, Swing, Git, VS code, Jupyter, IntelliJ

*Currently acquiring

PROJECTS

Moodify */(Hackathon) HTML/CSS, JavaScript, MongoDB, Node.js,* Jan 2025

- Built a full-stack journaling app to track moods by sentiment analysis and store entries in MongoDB backend
- Developed responsive frontend with sentiment analysis API; deployed app on cloud platform with Node.js backend

Internship search status tracker */(Academic) Java, JUnit, Swing* Jan 2025 – Apr 2025

- Built a GUI-based desktop app using Java Swing to help users manage internship applications effectively
- Designed interactive interface with file save/load, CRUD functionality, and status-based dialogs with images
- Applied OOP principles and tested logic with JUnit to ensure modular structure and future scalability

Pathable */(AI Hackathon) Vercel, Supabase, AI APIs* Feb 2025

- Built a navigation web app to support users with accessibility needs, using AI-assisted workflows in Cursor, and deployed with Vercel and Supabase
- Designed app concept and collaborated with teammates to ensure accessibility-focused functionality

EcoSort */(Hackathon) Figma, Python* Oct 2024

- Co-led design of an AI-powered app to sort recyclables through image detection and reward sustainable behavior
- Designed the user interface and experience in Figma, creating a points-based system to reward sustainable acts
- Led ideation, user flow mapping, and feature prioritization during sprint-based planning

Work & Volunteer EXPERIENCE

Undergraduate Research Assistant Apr 2024 – Apr 2025

University of British Columbia

Vancouver, BC

- Worked independently on project studying photosynthetic proteins from synthetic operons in a model organism
- Maintained detailed laboratory records and presented key findings to peers and faculty during monthly meetings
- Developed Python scripts to automate protein absorbance spectra analysis, reducing manual errors

Medic Care Companions Program Volunteer Jan 2024 – Apr 2025

Seasons Wesbrook Village Retirement Community

Vancouver, BC

- Provided companionship and emotional support to seniors affected by chronic diseases, fostering social engagement
- Assisted residents with technology to help them connect with family, streamlining digital device use and setup

Military Engineer Oct 2020 – Apr 2022

Republic of Korea Army

Yeoncheon, Korea

- Led safety training sessions aimed at instilling confidence and reducing anxiety in new trainees, improving safety awareness in high-risk mine sweeping operations
- As squadron leader, resolved interpersonal conflicts and fostered teamwork under high-pressure environments
- Managed logistics, resource distribution, and mission coordination for 8+ personnel across deployments

EDUCATION

University of British Columbia

Vancouver, BC

Bachelor of Science in Biochemistry

Sep. 2018 – May 2024

Bachelor of Computer Science (GPA 4.1/4.3)

*Sep. 2024 – May 2027**