Young Kim

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TECHNICAL SKILLS

Languages: Java, R studio, Haskell, Python*, HTML/CSS, C++*
Frameworks: JUnit, Springboot*
Developer Tools: 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　　　　　　　　　　　　　　　　　　　　　*Sep. 2024 – May 2027**