Jeongwon Kim

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github.com/grden

Python, C++, Dart, JavaScript

Education

Kyung Hee University / Seoul, Republic of Korea
B.S. in Computer Science, College of Software

Expected Graduation Date: Feb 2026
Cumulative GPA: 4.23/4.5

Work Experience

Kyung Hee University
Teaching Assistant

Seoul, Republic of Korea
Mar 2025 - Present

- Led weekly coding tutorials for 150+ students in **Web and Python Programming**.
- Created detailed quiz solutions & explanations for **Python**, improving student comprehension.

M5ers
Software Engineer Intern

California, United States
Nov 2024 - Feb 2025

- As one of two software engineers on the team at a pre-launch startup, designed and built application to test and manage ASIC-based mining machines from scratch. Built frontend with **JavaScript, React** and backend with **Node.js** REST API. Used **Docker** for containerization.
- Authored detailed Product Requirement Document (PRD), technical design docs, and UML diagrams, which accelerated development alignment across the team. Collaborated with **Jira** for agile workflow.

Project Experience

Ludens / khuludens.com

Feb 2025 - Present

- Led a 3-person team to design and develop a promotional website for a school game developing club with 100+ members. Built with **TypeScript, Next.js** and **Git**.
- Implemented SEO optimization, improving search engine visibility and user reach.

Heat Illness Prevention System for Korea Army

Sep 2024 - Nov 2024

- Created a machine learning-based safety monitoring system including Arduino-based smartwatch, a mobile app, and a web dashboard that tracks soldier's health in real-time and provides alerts to prevent heat-related illnesses in soldiers.
- Collaborated with cross-disciplinary students to implement Bluetooth-based communication system. Built with **Flutter, Firebase, Scikit-Learn** and **Arduino.**

Indeed

Feb 2024 - Jul 2024

- Developed a real-time tutor-student matching mobile application. Built using **Figma, Flutter, gRPC, Firebase** and **MongoDB**.

Activities

User Experience Computing Lab @ KHU, *Undergraduate Researcher*

Sep 2024 - Present

- Delivering weekly presentations on research progress and preparing for academic publication.

Google Developer Student Club @ KHU, *Frontend Member*

Sep 2024 - Present

- Collaborating with peers to build and deploy projects.

Alttium @ KHU, *Vice President*

Jan 2024 - Dec 2024

- Led an 8-person team to manage internal operations of a band club, including scheduling, event planning and maintaining active communication, increasing club membership by 25% and club activities by 60%.

Honors and Awards

- Scholarship, Kyung Hee University, Academic Excellence Scholarship, 2nd semester — 2024
- Scholarship, Kyung Hee University, Academic Excellence Scholarship, 1st semester — 2024
- Scholarship, Kyung Hee University, Academic Excellence Scholarship, 2nd semester — 2023