Gunhoo Park

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EDUCATION

University of Southern California, Master of Science in Computer Science — **Jan 2024 — Dec 2025**
Chung-Ang University, Bachelor of Engineering in Computer Science and Software, GPA: 4.05/4.5 — **Mar 2015 — Feb 2020**

SKILLS

Languages — Java, Python, JavaScript, TypeScript
Frameworks — Spring(Boot, Hibernate JPA, Security), Angular, React, Vue.js, Node.js, Django, Flask
DB & Tools — MySQL, MariaDB, Redis, MongoDB, Amazon Web Service, Google Cloud Platform, Jenkins, Docker, Jira, Git

EXPERIENCE

Samsung Software Academy For Youth(SSAFY) — **Jan 2023 — Dec 2023**
Trainee — South Korea
- Developed and published 4 web-based projects

Republic of Korea Army — **Mar 2020 — Jun 2022**
Lieutenant — South Korea
- Managed tactical communications(radio, cable, and satellite), and led 30 combatants

Networked Systems Laboratory @Chung-Ang University — **Sep 2018 — Dec 2019**
Research Staff(Advisor: Jeongyeup Paek) — Seoul, South Korea
- Led a project about audio-based real-time drone ranging and localization using deep learning on Raspberry-Pi and Linux server
- Built and improved a system with a accuracy of over 97%, and published a poster at ACM MobiSys'19

PUBLICATIONS

Gunhoo Park, Jeongyeup Paek, *"Audio-based Drone Ranging and Localization using Deep Learning"*, Proceedings of the 17th ACM International Conference on Mobile Systems, and Services (MobiSys'19), June 2019 [DOI] [PDF]

PROJECTS

Stock Manager, **Web/App Developer(Full Stack)** — **Feb 2024 — May 2024**
- Developed stock management web and app services
- Skills: Angular, Node.js, GCP, Android Studio(Java), MongoDB

Carrot Truck, **Web Developer(Full Stack)** — **Oct 2023 — Nov 2023**
- Developed a food truck management and ordering web-app service
- Skills: Spring, JPA, TypeScript, React, MySQL, Redis, AWS(EC2 and S3), Jenkins, Docker, and Test-Driven Development(TDD)

Chaeum, **Backend Developer** — **Aug 2023 — Oct 2023**
- Built servers and databases for personal ingredient and recipe recommendation service
- Skills: Spring Framework, Hibernate JPA, Django, MariaDB, Redis, Amazon EC2 and Jenkins

Speaking Path, **Web Developer(Full Stack)** — **Jul 2023 — Aug 2023**
- Developed a website to help people with speech disorder
- *This project is awarded by Samsung*
- Skills: Spring Framework, Speech Recognition Model, WebRTC, MariaDB, Redis, React.js, Flask, Amazon EC2 and Jenkins

Trip or Trip, **Web Developer(Full Stack)** — **May 2023**
- Designed and developed a website to discover and to share travel spots in South Korea
- *This project is awarded by Samsung*
- Skills: Spring, MyBatis, MySQL and Vue.js

EXTRACURRICULAR ACTIVITIES & LEADERSHIP ROLES

Reserve Officers' Training Corps(ROTC), Chung-Ang University — **Jan 2017 — Feb 2020**

Department Representative, Chung-Ang University — **Sep 2017 — Aug 2018**

Teaching Assistant, Chung-Ang University — **Jan 2017 — Feb 2020**
- Taught Scratch in the "Computational Thinking and Problem Solving" course
- Handled questions online and offline, and graded assignments and exams

Mathematics Teacher, Samsung Dream Class — **Mar 2016 — Dec 2016**