

Gunhoo Park

401-603-9872 | gunhoopa@usc.edu | gunhoo.github.io | linkedin.com/in/gunhoo-park

EDUCATION

University of Southern California Master of Science in Computer Science	Los Angeles, CA Jan 2024 – Present
Chung Ang University Bachelor of Engineering in Computer Science and Software; GPA: 4.05/4.5; Magna Cum Laude	Seoul, South Korea Mar 2015 – Feb 2020

EXPERIENCE

InBody USA Full Stack Software Developer Intern	Cerritos, CA May 2025 – Present
<ul style="list-style-type: none">Contribute to company website renewal, implementing modern UX/UI principles and responsivenessImplement responsive UI and integrate backend APIs for InBody's new AI chatbot serviceLead the development of a full-stack web platform to manage users' InBody data using Next.js & TypeScriptImprove InBody partner web pages, such as form pagination, input validation, file upload, and automated email alertsBuild CI/CD pipelines and deployed using Docker and Google Cloud Run with load balancing and global CDN integration	
Samsung Software Academy For Youth (SSAFY) Trainee	South Korea Jan 2023 – Dec 2023
<ul style="list-style-type: none">Launched 4 web/app projects, following agile and test-driven developmentCreated 100+ RESTful APIs, 10+ responsive web pages, and managed CI/CD using Docker, AWS, GitLab, and JenkinsIntegrated open-source and third-party APIs such as OpenAI Whisper, OAuth, Kakao Map, Korean Government APIs	
Networked Systems Laboratory Research Staff	Seoul, South Korea Sep 2018 – Dec 2019
<ul style="list-style-type: none">Led a deep learning project to detect a drone location in real-time by comparing server-side and embedded systemAchieved over 97% accuracy by analyzing sound features, comparing multiple deep learning models for the system	

SKILLS

Languages: JavaScript, TypeScript, Java, Python
Frontend Technologies: Next.js, React, React Native, Vue.js, Angular, Android Studio, HTML, Tailwind CSS, Bootstrap
Backend Technologies: Node.js Spring Boot, Hibernate JPA, Express.js, Django, Flask, MSA, API Optimization, SEO
Others: MSSQL, MySQL, MariaDB, PostgreSQL, MongoDB, Redis, AWS, GCP, Jenkins, Docker, TensorFlow

PROJECTS

ContentIQ	July 2025 – Present
<ul style="list-style-type: none">Developed an AI-powered video content analysis platform that analyzes video engagement, pacing, and audio quality to provide actionable insights for content creators [Link]Tech stacks: Next.js, PostgreSQL, and Google Cloud Platform	
Stock Manager	Feb 2024 – May 2024
<ul style="list-style-type: none">Implemented a real-time stock data analysis web/app service [Youtube]Tech stacks: Node.js, Angular, Android Studio, MongoDB, and Google Cloud Platform	
Carrot Truck	Oct 2023 – Nov 2023
<ul style="list-style-type: none">Launched food truck management and ordering web/app service [GitHub]Tech stacks: Spring Boot, MySQL, Redis, AWS S3, React Native, AWS EC2, Docker, GitLab, and Jenkins	
Speaking Path	Jul 2023 – Aug 2023
<ul style="list-style-type: none">Deployed a speech therapy platform that assists people with disorders using Spring Boot, Flask, MariaDB, Redis, and ReactReceived the <i>Excellent Project Award</i> from Samsung [GitHub]	
Trip or Trip	May 2023
<ul style="list-style-type: none">Developed South Korea travel planning platform using Spring, MyBatis, MySQL, and Vue.jsReceived the <i>Excellent Project Award</i> from Samsung [GitHub]	

PUBLICATION

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 [\[DOI\]](#)[\[PDF\]](#)