Gunhoo Park

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

EDUCATION

University of Southern California   Los Angeles, CA
Master of Science in Computer Science; GPA: 3.67/4.0   Jan 2024 – Dec 2025
>   Relevant Coursework: Web Technologies, Database Systems, Information Retrieval and Web Search Engines, Analysis of Algorithms, Machine Learning for Data Science, Multimedia Systems Design

Chung Ang University   Seoul, South Korea
Bachelor of Engineering in Computer Science and Software; GPA: 4.05/4.5; Magna Cum Laude   Mar 2015 – Feb 2020

EXPERIENCE

Samsung Software Academy For Youth (SSAFY)   South Korea
Trainee (Intern)   Jan 2023 – Dec 2023
- Launched 4 web/app projects on AWS EC2 using Nginx, following agile and test-driven development
- Implemented 100+ RESTful APIs, developed 10+ web pages, and managed 3 IP addresses & CI/CD pipelines
- Integrated open-source and third-party APIs such as OpenAI Whisper, OAuth, Kakao Map, Korean Government APIs

Networked Systems Laboratory   Seoul, South Korea
Research Staff   Sep 2018 – Dec 2019
- Led a deep learning project to detect a drone location in real-time by comparing server-side and embedded system
- Achieved over 97% accuracy by analyzing sound features, comparing multiple deep learning model for the system

SKILLS

Languages: Java, Python, JavaScript, TypeScript
Frontend Technologies: React, Vue.js, Angular, Android Studio, HTML, CSS, Bootstrap
Backend Technologies: Spring Boot, Spring Security, Hibernate JPA, Node.js, Django, Flask, MSA, API Optimization
Others: MySQL, MariaDB, MongoDB, Redis, AWS EC2, AWS S3, GCP, Jenkins, Docker, Jira, Git, TensorFlow

PROJECTS

Stock Manager, Full Stack Developer   Feb 2024 – May 2024
- Architected a full-stack web/app application for real-time stock data analysis [Youtube]
- Launched 30+ RESTful APIs using Node.js, created 10+ pages using Angular & Android Studio, designed a database with MongoDB, and deployed the system using Google Cloud Platform

Carrot Truck, Full Stack Developer   Oct 2023 – Nov 2023
- Implemented a food truck management and ordering web/app service [Github]
- Developed 10+ RESTful APIs for review service using Spring Boot, managed databases with MySQL & Redis, created 10+ pages using React Native & TypeScript, and deployed a system using AWS EC2, AWS S3, Docker, and Jenkins

Chaeum, Back End Developer   Aug 2023 – Oct 2023
- Engineered personal ingredient recommendation and ordering app service [Github]
- Developed 30+ RESTful APIs using Spring Boot & Django, designed and conducted databases with MariaDB & Redis, and automated CI/CD pipelines on AWS EC2 with Docker and Jenkins

Speaking Path, Full Stack Developer   Jul 2023 – Aug 2023
- Built a speech therapy platform that assists people with disorders
- Developed 50+ RESTful APIs implementing microservice using Spring Boot & Flask, designed and implemented databases with MariaDB & Redis, and created 5+ pages using React [Github]
- Received the Excellent Project Award from Samsung

Trip or Trip, Full Stack Developer   May 2023
- Developed 20+ RESTful APIs using Spring Framework, designed a MySQL database, and built 10+ pages using Vue.js for a travel planning platform [Github]
- Received the Excellent Project Award from Samsung

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]