

GyuHyeon Hwang

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Education

ChungBuk National University

Bachelor of Computer Science

Relevant Coursework: Data Structure, Algorithm, Software Engineering

Cheongju, South Korea

03 2019 – 02 2024

Study Abroad

Study abroad coursework in Angelo State University.

Dean's List Spring 2022

San Angelo, TX, United States

01 2022 – 05 2022

SSAFY (Samsung Software Academy for Youth) 12th

Samsung SW Proficiency test level B (2024.09)

Academic high achiever (2nd in class)

Daejeon, South Korea

07 2024 – 06 2025

Experience

Flug Mediaworks

Software Engineer Intern

PHP, JavaScript, MySQL, HTML, CSS

- Contributed to the back-end and front-end development of the websites on service.
- Fully developed a new feature for the update event in the service despite my intern position.
- Developed the English version of the client's Korean website.

Cheongju, South Korea

07 2021

Project

Karim – Travel planner @SSAFY

Java, Spring, MySQL, HTML, CSS, JavaScript

- Refactored SQL schema, and improved data structure to support multiple places per plan.
- Developed back-end REST APIs using Spring boot, refactored from Servlet/JSP structure.

11 2024 (10 days)

Recommade – AI-generated playlist from the image @Head Start SV Internship

Python, Django, MySQL, Nginx, Gunicorn, Docker, AWS, Git

- Led back-end development and designed the service architecture.
- Improved API performance by changing Gunicorn setting, reducing response times by 50%.
- Utilized Docker to improve team productivity and reduce setup time by 70%.

06 2022 – 07 2022

LUNAR AI – AI-based intelligent surveillance system @Chungbuk National University

Python, Django, MySQL

- Developed and optimized API using Django and MySQL for real-time face-detection data.
- Integrated the AI surveillance model into the system.
- Won at Open-source SW 2nd place

05 2021 – 12 2021

Analysis of Solar Power Prediction with Data-Driven Approaches @Chungbuk National University

Python, Pandas

- Pre-processed large weather and solar power datasets using Pandas.
- Applied the ARIMA model to predict solar power generation, achieving a 5% improvement in forecast accuracy using differencing.

05 2021 – 10 2021

Skills & Certificates

Technical: Languages (Java, C++), Frameworks (Spring, Django), Databases (MySQL), Others (Docker, AWS, Git)

Language: English, Korean

Certificate: Engineer Information Processing (2023.11)