

# KiHo Kwoun

SOFTWARE ENGINEER · BACKEND DEVELOPER

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“Developer who work hard to create a better world. Why Not?”

## Education

### University of Seoul

B.S. IN ELECTRICAL AND COMPUTER ENGINEERING

- Total GPA of 3.46/4.5

Seoul, S.Korea

Mar. 2020 - Feb. 2024

### Kwangwoon University

B.S. IN INFORMATION CONVERGENCE

- Total GPA of 4.41/4.5

Seoul, S.Korea

Mar. 2018 - Feb. 2020

## Experience

### SW Maestro

13TH TRAINEE

- Project planning and development for 6 months as a team of 3 people.
- Development of server & architecture that helps people to find fitness mate via fitness centers.
- Attracting real users of service and applying for BM patents.

Seoul, S.Korea

Apr. 2022 - Dec. 2022

### UOS Mentoring

MENTOR OF ALGORITHM

- Mentor activity at University of Seoul for 2 weeks.
- Mentoring related to planning, technology, and algorithm.

Seoul, S.Korea

Nov. 2022 - Nov. 2022

### NVIDIA DLI Course

TRAINEE, SUPPORTER

- Completed the deep learning basic course.
- Completed the process of building Transformer-based natural language processing applications.
- NVIDIA DLI as a college student supporter.

Seoul, S.Korea

Dec. 2021 - Jan. 2022

### Hanium ICT Mentoring

TRAINEE AT MENTORING PROGRAM

- Project planning and development for 6 months as a team with a mentor.
- Software mentoring by technicians.

Seoul, S.Korea

Apr. 2021 - Nov. 2021

### Alim

CLUB MEMBER

- Studying about algorithm and problem-solving.
- 96th place winner of UCPC, National College Student Programming Contest
- 106th place winner of ICPC, International College Student Programming Competition

Seoul, S.Korea

Mar. 2021 - Dec. 2021

### Technical Blog

CHOCOCHIP.LOG - VELOG BLOG

- Posting about algorithm problem solving, project issues overcoming, and SW development activity reviews.
- 300K+ total search impressions, 70K+ cumulative page views, about 100 daily average users.

Seoul, S.Korea

Dec. 2020 - Present

## Projects

### TastyJapan - Let's find a tasty Japanese restaurant!

SPRING DEVELOPER, TEAM LEADER

- Developed in collaboration with Front-End developer.
- Web service that shows japan restaurants for Korean.
- Built and deployed overall service infrastructure utilizing Kotlin, Spring Boot, Spring Data JPA and AWS stacks.

Seoul, S.Korea

Apr. 2023 - NOW

## ChatGPT-based dating course creation service

Seoul, S.Korea

SPRING DEVELOPER

Mar. 2023 - Apr. 2023

- Developed in collaboration with android developer, machine learning developer.
- Mobile application that helps people to create their data course by ChatGPT.
- Built and deployed overall service infrastructure utilizing Kotlin, Spring Boot, Spring WebClient and AWS stack(EC2, Route 53).

## FitMate - Location-based Fitness Mate O2O Platform

Seoul, S.Korea

NODE.JS DEVELOPER, TEAM LEADER

Apr. 2022 - Dec. 2022

- Developed in collaboration with flutter developer in the course of the SW Maestro 13th.
- Mobile application that helps people to find fitness mate via fitness centers based on location information.
- Built and deployed overall service infrastructure utilizing pm2, Mongo Atlas and AWS stack(EC2, Route 53, S3, CloudFront, Lambda@Edge)focusing on high-availability, and auto-scaling.
- Deployed a centralized logging environment by ELK Stack which gather log data from Database and AWS resources.

## Emotion Guided Video Summarization

Seoul, S.Korea

PYTORCH & FLASK DEVELOPER

Feb. 2022 - Apr. 2022

- Video summarization AI service for short-form video creator.
- Developed modality framing score transformer deep learning model, flask application.
- Won the 2nd place in the AI Spark Challenge.

## Homikiri - Media Platform for Home People

Seoul, S.Korea

SPRING BOOT DEVELOPER, TEAM LEADER

Apr. 2021 - Oct. 2021

- Platform that recommends media, sports activity and food for people who are alone at home during the COVID-19 era.
- Planned services, developed spring boot server, deployed server at AWS Cloud.
- Awarded in the Hanium ICT Competition.

## Honors & Awards

2022	<b>1st Place</b> , SW Maestro Mini Project	Seoul, S.Korea
2022	<b>2nd Place</b> , AI Spark Challenge	Seoul, S.Korea
2021	<b>Awarded</b> , Hanium ICT Competition	Seoul, S.Korea
2018	<b>Excellence prize</b> , KWU Engineering Design Contest	Seoul, S.Korea
2018	<b>Excellent Prize</b> , KWU 1st Artificial Intelligence Idea Contest	Seoul, S.Korea
2019	<b>Dean's List</b> , KWU Dean's List	Seoul, S.Korea
2018	<b>Dean's List</b> , KWU Dean's List	Seoul, S.Korea
2018	<b>3rd Place</b> , KWU Math Contest	Seoul, S.Korea

## Certificates

Jan. 2023	<b>OPIC</b> , IH(Intermediate High)	ACTFL
Dec. 2022	<b>AWS Certified Developer</b> , Associate	AWS
Oct. 2022	<b>TOPCIT</b> , Level 3	IITP
Jan. 2021	<b>NVIDIA DLI Course</b> , Building Transformer-based natural language processing application	NVIDIA

## Program Committees

2022	<b>Problem Inspect</b> , 2022 UOSCPC	S.Korea
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## Extracurricular Activity

### Multimodal Frame-Scoring Transformer for Video Summarization (MSFT)

S.Korea

CORE MEMBER & PRESIDENT AT 2013

Feb. 2022 - Oct. 2022

- Extracting the text feature of the image through the Caption Generator, apply the video feature and attention the audio feature.
- Able to perform better than traditional SOTA models.