

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 3.75/4.5

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

FitMate - Location-based Fitness Mate O2O Platform

NODE.JS DEVELOPER, TEAM LEADER

- 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(Including EC2, ECS, Route 53, S3, CloudFront, Lambda@Edge, IAM), focusing on high-availability, and auto-scaling.
- Deployed a centralized logging environment by ELK Stack which gather log data from Database and AWS resources.

Seoul, S.Korea

Apr. 2022 - Dec. 2022

Emotion Guided Video Summarization

PYTORCH & FLASK DEVELOPER

Seoul, S.Korea

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

SPRING BOOT DEVELOPER, TEAM LEADER

Seoul, S.Korea

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.

Reungee - Chatbot recommended by famous restaurants in Gangneung

FLASK DEVELOPER, TEAM LEADER

Seoul, S.Korea

Apr. 2021 - Oct. 2021

- Chatbot that can provide a famous restaurant in Gangneung.
- Planned services, developed flask server, deployed server at AWS Cloud .

Honors & Awards

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

Certificates

Dec. 2022	AWS Certified Developer , Associate	AWS
Oct. 2022	TOPCIT , Level 3	IITP
Jan. 2021	NVIDIA DLI Course , Building Transformer-based natural language processing application	NVIDIA
Aug. 2019	TOEIC , 940 (Expired)	ETS

Program Committees

2022	Problem Inspect , 2022 UOSPC	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.