

Soeun Uhm

github.com/ddoddii

EDUCATION

Yonsei University

Seoul, South Korea

B.A. in Architecture Engineering & Minor in Computer Science

March 2019 – February 2024

- GPA: 3.7 / 4.3 overall
- Relevant coursework: [CS] Algorithm and Data Structures, Computer Network, Database, Theory and Practice of Deep Learning, [STAT] Data Mining

TECHNICAL SKILLS

Languages Python, Java (* in the order of fluency)

Libraries PyTorch, Huggingface, FastAPI, Spring

LANGUAGE SKILLS

Korean Native.

English Fluent, TOEFL iBT 105/120

PROFESSIONAL EXPERIENCES

Vodabi | [Vodabi](#)

January 2023 – September 2023

Machine Learning Engineer Intern

- Trained NLP model for sales conversation from scratch.
- Maintained NLP models to ensure peak performance and accuracy.
- Deployed PyTorch models using FastAPI

PROJECT EXPERIENCES

AuToeic | [Github Repo](#)

March 2023 – May 2023

Automated TOEIC Part1 Problem Generator

Pioneered a distinctive three-model workflow for automated problem generation

- Stable Diffusion Model: Trained on TOEIC Part 1 images for the generation of realistic problem visuals.
- BLIP Model: Utilized for curating answer choices based on the generated image.
- CLIP Model: Implemented for the evaluation and validation of the generated problems.

AutoDQ with Naver Financial | [Presentation Video](#)

May 2023 – July 2023

Automatic Data Quality of payment history

Superheaded a collaboration with Naver Financial, directing a team of 15 students

- Devised an automation process for improving data quality of payment history using Named Entity Recognition (NER) model.

TEACHING EXPERIENCES

Yonsei Data Science Lab Seminar | [Github Repo](#)

July 2023

- Instructed a comprehensive 5-week course, independently designed, covering Python programming, Docker integration, and FastAPI framework expertise.

EXTRA CURRICULAR ACTIVITIES

Yonsei Data Science Lab

July 2022 – June 2023

Vice President

- Directed 40 students, fostering collaborative learning and project development.
- Collaborated in designing and developing comprehensive data science curriculums for lab's educational programs.

Google Developer Student Clubs

September 2023 –

BackEnd Member