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   *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.

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