Woojin Park

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https://henrypark62.github.io

Education

21/03 – 26/02 (Expected)	**SahmYook University,** Seoul B.S., Computer Science and Engineering, Software **(GPA: 3.95 /4.5)**

Project

Deep Learning

25/05	**Chest X-ray Pneumonia Detection using Fine-tuning ResNet50, Grad-CAM** • Improved model accuracy through transfer Learning and Fine-tuning of the ResNet50. • Visualized lesions using Grad-CAM.

AI-based

25/03 – Present	**MindNote: AI-based Emotional Diary and Psychological Analysis Service** • Developed a web/mobile service that analyzes user diaries using an OpenAI-based LLM. • Provided personalized sentiment and psychological feedback for mental health support.
25/03 – 25/06	**LLM-Based Sales Conversation Evaluation and Scoring System** • Industry-Academia Collaborative Capstone Project. • Refactored LLM prompts and developed a user interface to ensure consistent and structured output.
25/03 – 25/06	**News.ai: News Summarization and Email Delivery Service using LLM** • Developed a web-based service that summarizes news articles using an LLM API and a web crawling algorithm, delivers the summaries via email.

SW

24/11 – 24/12	**Pegasus: Java-based SNS** • Developed a web-based SNS using Java (JSP, Servlets, JDBC, DAO, Ajax), MySQL, HTML, CSS. • Implemented a WebView-based Android application using Android Studio and Kotlin.

Activities

25/03 – 25/06	**Google Developer Groups on Campus (GDGoC)** Member, Machine Learning Session
25/03 – 25/06	**On-Campus SW Coding Mentoring Program** Mentor, Object Oriented Programming (Language: Java)

Award

22/08	**1st Prize**, On-Campus General English Course Review Contest

Programming skills

Languages	**Python**, Java
Software/Tools	**Tensorflow**, Scikit-learn, OpenCV, VScode, Git, Github

Related Courses

Recent Topics on SW Application II (A+, 24-winter), Probability & Statistics (A+, 24-2), Discrete Mathematics (A, 24-2), Object Oriented Programming II (A, 24-2), Object Oriented Programming I (A, 23-1)

Qualifications

25/01	JLPT N3

Research Interests

Medical AI, **ML/DL**, XAI, Lightweight AI Models (e.g., Medical applications), Computer Vision, NLP, Sentiment Analysis