

Woojin Park

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Education

Sungkyunkwan University, South Korea

Mar 2026 – Present

- Integrated M.S. and Ph.D., School of Medicine

Sahmyook University, South Korea

Mar 2021 – Feb 2026

- B.S., Computer Science and Engineering, Major in Software (GPA: 4.05 /4.5)

Research Experience

Medical Big Data Lab., Sungkyunkwan University

Jan 2026 – Present

- Researcher, Advisor: *Prof. Seung-Won Lee*

Big Data-Driven AI Lab., SeoulTech

Jun 2025 – Aug 2025

- Research Intern, Advisor: *Prof. Hyuk-Yoon Kwon*

Work Experience

Oneday-Twopills (Haru-doal), Healthcare Startup

Nov 2025 – Present

- Back-end & App Developer, Integrating back-end and app using Django and Flutter.

Teaching Experience

Teaching Assistant, Sungkyunkwan University

Mar 2026 – Present

On-Campus SW Coding Mentoring Program, Sahmyook University

Mar 2025 – Jun 2025

- Mentor, Object-Oriented Programming (Language: Java)

Projects

Self-supervised Federated Learning for Diabetic Retinopathy Classification

Jun 2025 – Aug 2025

- Collaborative project by Seoul National University of Science and Technology & the National Medical Center.
- Researched a **domain-agnostic self-supervised federated learning framework** based on **Vision Transformer**, and enhanced model explainability through **Grad-CAM**.

LLM-based Sales Conversation Evaluation and Scoring System

Mar 2025 – Jun 2025

- Software registration: C-2025-019854
- Industry-Academia Collaborative Capstone Project.
- Refactored LLM prompts and developed a user interface to ensure consistent and structured output.

News.ai: A News Summarization Service based on an LLM

May 2025 – Jun 2025

- Developed a web-based service that summarizes news articles using an **LLM API** and a **web crawling algorithm**.
- Designed and implemented multiple analysis and summarization styles across different APIs, providing summary-rate visualization graphs while optimizing for **mobile-friendly UX/UI design**.

Awards

1st Prize, On-Campus General English Course Review Contest, Sahmyook University

Aug 2022

Scholarships

新대학원우수장학금 TYPE 2, Sungkyunkwan University

Mar 2026 – Present