

# 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

**1<sup>st</sup> Prize**, On-Campus General English Course Review Contest, Sahmyook University Aug 2022

## Scholarships

**신대학원우수장학금 TYPE 2**, Sungkyunkwan University Mar 2026 – Present