

# Woojin Park

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<https://henrypark62.github.io>

## Education

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- Mar 2026 – Present    **Sungkyunkwan University, Suwon**  
**Integrated M.S and Ph.D.**, Graduate School of Medicine, **Medical Artificial Intelligence**
- Mar 2021 – Feb 2026    **Sahmyook University, Seoul**  
**B.S.**, Computer Science and Engineering, **Major in Software** (GPA: 4.05 /4.5)

## Research Experience

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- Jan 2026 – Present    **Medical Big Data Laboratory**, Sungkyunkwan University  
**Researcher**, Advisor: *Prof. Seung-Won Lee*
- Jun 2025 – Aug 2025    **Big Data-Driven AI Lab**, Seoul National University of Science and Technology  
**Research Intern**, Advisor: *Prof. Hyuk-Yoon Kwon*

## Projects

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### Medical AI

- Jun 2025 – Aug 2025    **Self-supervised Federated Learning for Diabetic Retinopathy Classification**  
• 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** and **Attention rollout**.

### AI-based

- Mar 2025 – Jun 2025    **LLM-Based Sales Conversation Evaluation and Scoring System**  
• **Software registration: C-2025-019854**  
• Industry-Academia Collaborative Capstone Project.  
• Refactored LLM prompts and developed a user interface to ensure consistent and structured output.
- May 2025 – Jun 2025    **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**.  
• Designed and implemented multiple analysis and summarization styles across different APIs, providing summary rate visualization graphs while optimizing for **mobile-friendly UX/UI design**.

## Activities

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- Mar 2025 – Jun 2025    **On-Campus SW Coding Mentoring Program**, Sahmyook University  
**Mentor**, Object Oriented Programming (Language: **Java**)

## Awards

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

## Qualifications

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- Sep 2025    TOEIC 710  
Jan 2025    JLPT N3
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