

Seongmin Park

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EDUCATION

University of Pittsburgh	M.S. in Information Science (Dec. 2019)
Carnegie Mellon University	B.S. in Electrical and Computer Engineering (Dec. 2017)

WORK EXPERIENCE

<b>Goodnotes</b> Remote Jun. 2020 – Present <a href="https://goodnotes.com">goodnotes.com</a>	<b>Software Engineer, Machine Learning</b>  Built and shipped LLM-powered features (live summaries, agenda notes, context-aware chat) to <b>millions of users of Goodnotes, the #1 global note-taking app</b> . Fine-tuned and prompt-tuned models for real-time summarization from speech and audio Scaled ML systems with evaluation pipelines, improving accuracy, relevance, and latency. Partnered with cross-functional teams to iterate quickly from research prototypes to production.
<b>ActionPower</b> Seoul, Korea Jun. 2020 – Jun. 2025 <a href="https://actionpower.kr">actionpower.kr</a>	<b>Language Team Lead</b>  Led a team of three in developing language AI for the "Daglo" speech-to-text service. Employed from post-seed to post-Series B, contributing to a 125-fold MAU increase during tenure. Used <b>Python</b> and <b>large language models</b> to implement <b>transcript summarization, retrieval-augmented generation (RAG), model context protocol, instruction tuning, alignment tuning, keyword extraction, error correction, text normalization, and knowledge distillation</b> . Collaborated with Seoul National University Hospital to develop a model for suicide risk assessment. Developed proof-of-concepts for over 20 B2B and B2G projects ( <b>React, FastAPI, Gradio, Streamlit</b> ). Contributed to frontend development of Daglo's web application.
<b>OkeyDokey</b> Seoul, Korea May 2017 – Aug. 2018 <a href="#">white paper</a>	<b>Smart Contract Developer</b>  Developed open-source smart contracts on the Ethereum Blockchain with <b>Solidity</b> to control <b>Internet of Things</b> devices. Developed <b>Android (Java)</b> and <b>iOS (Swift)</b> mobile clients. Modified the <b>go-ethereum (Go)</b> Ethereum client to run on <b>Android NDK</b> . Acquired by Colong E&C after tenure.
<b>SK Techx</b> Seoul, Korea May 2016 – Aug. 2016	<b>Intern Mobile Developer (Volo team)</b>  Maintained an <b>iOS (Objective-C)</b> travel journal social network application with approximately 80,000 users. Aided in porting an existing iOS app into Android.

PUBLICATIONS AND AWARDS

<b>Awards</b> 2023, 2024	<b>1st place, <a href="#">Korean AI Competition 2023</a> (1st out of 233 teams)</b> <b>1st place, <a href="#">Korean AI Competition 2024</a> (1st out of 280 teams)</b> LLM instruction tuning, DPO, RLHF, ensemble, summarization, and classification.
<b>Selected publications</b>	<b>[ICASSP 2025]</b> <i>Prompt Crossing: Evaluating Whether LLM Response Stems from Jailbreak or Normal Prompt</i> <b>[COLING 2024]</b> <i>RT-VQ2A2: Real-Time Vector Quantized Question Answering with ASR</i> <b>[COLING 2024]</b> <i>Non-Essential is NEcessary: Order-agnostic Multi-hop QG</i> <b>[ICASSP 2024]</b> <i>Unsup. Extractive Dialogue Summarization In Hyperdimensional Space</i> <b>[Interspeech 2023]</b> <i>Unsup. Dialogue Topic Segmentation in Hyperdimensional Space</i>

[**ACL Findings 2023**] *Cross-task Knowledge Transfer for Extremely Weakly Supervised Text Classification*  
[**COLING 2022**] *LIME: Weakly Supervised Text Classification Without Seeds*  
[**ACL 2022 WS**] *Unsup. Abstractive Dialogue Summarization with Word Graphs and POV Conversion*  
[**EMNLP 2021 WS**] *Finetuning Pretrained Transformers into Variational Autoencoders*

**Hama NLP**  
[hamanlp.org](http://hamanlp.org)

Open-source **Zig**, **Python** and **Javascript** library for client-side (sub-megabyte) natural language processing. Features include **grapheme-to-phoneme conversion** and **part-of-speech tagging**.