

Seongmin Park

seongminpark.com | github.com/seongminp | llov0708@gmail.com | +821047349158 | Maltese citizen (EU member state)

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

ActionPower Seoul, Korea Jun. 2020 – Present actionpower.kr	Language Team Lead 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 Python and large language models to implement transcript summarization, retrieval-augmented generation (RAG), model context protocols, instruction tuning, alignment tuning, keyword extraction, error correction, text normalization, and knowledge distillation . 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 (React, FastAPI, Gradio, Streamlit). Contributed to frontend development of Daglo's web application.
OkeyDokey Seoul, Korea May 2017 – Aug. 2018 white paper	Smart Contract Developer Developed open-source smart contracts on the Ethereum Blockchain with Solidity to control Internet of Things devices. Developed Android (Java) and iOS (Swift) mobile clients. Modified the go-ethereum (Go) Ethereum client to run on Android NDK . Acquired by Colong E&C after tenure.
SK Techx Seoul, Korea May 2016 – Aug. 2016	Intern Mobile Developer (Volo team) Maintained an iOS (Objective-C) travel journal social network application with approximately 80,000 users. Aided in porting an existing iOS app into Android.

PUBLICATIONS AND AWARDS

Awards 2023, 2024	1st place, Korean AI Competition 2023 (국립국어원 인공지능 말평, 1st out of 233 teams) 1st place, Korean AI Competition 2024 (국립국어원 인공지능 말평, 1st out of 280 teams) LLM instruction tuning, DPO, RLHF, ensemble, summarization, and classification.
Selected publications	[ICASSP 2025] <i>Prompt Crossing: Evaluating Whether LLM Response Stems from Jailbreak or Normal Prompt</i> [COLING 2024] <i>RT-VQ2A2: Real-Time Vector Quantized Question Answering with ASR</i> [COLING 2024] <i>Non-Essential is NEcessary: Order-agnostic Multi-hop QG</i> [ICASSP 2024] <i>Unsup. Extractive Dialogue Summarization In Hyperdimensional Space</i> [Interspeech 2023] <i>Unsup. Dialogue Topic Segmentation in Hyperdimensional Space</i> [ACL Findings 2023] <i>Cross-task Knowledge Transfer for Extremely Weakly Supervised Text Classification</i> [COLING 2022] <i>LIME: Weakly Supervised Text Classification Without Seeds</i> [ACL 2022 WS] <i>Unsup. Abstractive Dialogue Summarization with Word Graphs and POV Conversion</i> [EMNLP 2021 WS] <i>Finetuning Pretrained Transformers into Variational Autoencoders</i>
Hama NLP 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 .