

AI researcher bridging artificial neural networks (ANNs) and product engineering. At KISAN Electronics, contributed to web and systems software for AI-powered smart scanner products. M.S. Kwangwoon University 2025; founded and sold TERRA IT Co., Ltd. 2022–2023.

EXPERIENCE

- 2026.03
— Present

Open Source Contributions
OpenClaw Community Contributor since 2026.03 · oh-my-openagent Maintainer since 2026.05
- 2025.11
— Present

[KDT] Nextrunners AI Leader Cohorts 1–7
AI · Product · Business Consultant
 - Delivered 100+ consulting sessions to company CEOs and aspiring founders on AI adoption, product strategy, business development, and AX transformation
- 2025.02
— Present

KISAN Electronics Co., Ltd.
Researcher
 - Contributed to web and systems software for AI-powered smart scanner products
 - Developed web tools supporting Computer Vision data production
 - Developed management features supporting product registration and store operations
 - Developed kiosk software and UI/UX
 - Developed systems supporting product installation and reliable operations
- 2023.01
— 2025.02

Kwangwoon University Neuro AI Lab
Graduate Researcher
 - Led SNN speech feature extraction research; KTR-Q1-Y11405-F08 certified at ≤8% error rate; connected to international journal/conference publications and patent filing (10-2025-0000439)
 - Participated in rPPG research (ViT/PhysFormer-based contactless vital sign estimation); collected facial video, PPG, and HRV data
 - Multimodal senior utterance emotion recognition: audio/text embedding fusion; KOSOMBE Best Poster Paper Award
- 2022.01
— 2023.02

TERRA IT Co., Ltd.
Founder & CEO
 - Founded Jan 2022; built EverCare, a caregiver-patient matching app addressing information asymmetry with southwest Seoul launch strategy; sold the company Feb 2023
 - Designed reputation-based recommendation system accumulating care history into mutual ratings; developed Android prototype
- 2020.03
— 2021.09

ROK Armed Forces Command Communications Command
Microwave Signaller
 - Built SpecialForces smart military healthcare system (IoT auto-measurement devices, NFC-linked Android app, officer monitoring web); won NIPA Director Prize at national military open-source hackathon
 - Operated communication lines for Air Force Operations Command, Marine Corps HQ, 2nd Fleet Command, and Ground Operations Command in collaboration with KT and LG U+ engineers
- 2019.07
— 2019.12

WaveOn Co., Ltd.
Researcher
 - Developed AI interview solution (ML job matching, SNS-based personality analysis, face age/emotion recognition) and digital content authoring tool for local business revitalization
- 2017.11
— 2020.02

ABLE
Founder & CEO
 - Led 20-person team across IoT/App/VR divisions; built smart bicycle solution (9-axis compass LED ring navigation, NeoPixel indicators, ATmega32 board); won 16th Embedded SW Competition Grand Prize (Free Division)
 - Developed group-riding healthcare app with shared live location, and VR indoor cycling content

SELECTED PROJECTS

- iscan computer vision tool**

2025.02 — Present · Computer Vision · Web Tool

Web tool supporting Computer Vision data production
- iScan KIOSK**

2025.02 — Present · Kiosk · Product

Kiosk software and UI/UX, with systems supporting product installation and reliable operations; featured on KBS "1박 2일" Season 4
- batch-printer**

2025.04 · SaaS · Side Project · batch-printer.com

PDF/office/image merge-print SaaS; 150 countries, 100+ daily users, peak 3,300; fully autonomous zero-touch operation
- Nuguna CEO**

AI Agent · Side Project

AI agent orchestration side project to let anyone start a company
- EverCare**

2022.01 — 2023.02 · AIoT · Product

Caregiver-patient matching app (TERRA IT): reputation-based recommendation from care history; mutual ratings; Android prototype; southwest Seoul launch

PUBLICATIONS

2026	Findings of EMNLP 2026 "Can LLMs Imagine Moral Alternatives Beyond Binary Dilemmas?" J.C. Choi, N.R. Yang, S.S. Park, et al. · Homepage ↗
2025	Journal of Biomedical Engineering Research "Multiscale Spiking Neural Network with Dynamic Temporal Latency Encoding" S.S. Park, Y.-S. Choi
2024	Master's Thesis · Kwangwoon University "Dynamic Temporal and Encoding Scheme for Efficient Spiking Neural Network" S.S. Park, Y.-S. Choi
2024	Biomedical Engineering Letters · Springer "Spiking Neural Networks for Physiological and Speech Signals: A Review" S.S. Park, Y.-S. Choi
2024	IEIE Summer Conference "Temporal Feature Encoding-based Deep Spiking Neural Network" S.S. Park, Y.-S. Choi
2024	KOSOMBE Spring Conference "Emotion Recognition based on Multimodal Graph Representation Learning of Senior Utterance" D.H. Kim, M.S. Lee, D.H. Lee, C.-M. Kim, S.S. Park, et al.
2023	IEEE ICCE-Asia "Advancing Temporal Spike Encoding for Efficient Speech Recognition" S.S. Park, Y.-S. Choi

SELECTED RECOGNITION

2026.09	SPECIAL AWARD Global PIUDA Project National Grand Final Special Award · Osaka University OTRI FICCT Division Head Award · Easy Dance
2026	1ST PLACE Global PIUDA Project Honam Regional Finals — Top Award (1st) · Easy Dance
2025	PATENT Temporal Feature Encoding for Deep SNN — No. 10-2025-0000439 (filed 2025.01.02) SOFTWARE CERT KTR-Q1-Y11405-F08 — SNN speech recognition, ≤8% error rate
2024	AWARD Best Poster Paper — KOSOMBE Spring Conference (대한의용생체공학회 우수포스터논문상)
2021	1ST Air Force Startup Competition Grand Prize (Chief of Staff Award) · Sharing-Economy Outdoor Advertising Platform · 공군창업경진대회 금상
2020	2ND Military Open-Source Hackathon, NIPA Director Prize — SpecialForces · 해커톤 정보통신산업진흥원 원장상
2018	1ST 16th Embedded SW Competition Grand Prize (Free Division) · VR Smart Bicycle · 임베디드SW경진대회 최우수상
2018	1ST Graduation Project Competition — Dongyang Mirae University
2017	GOLD Campus CEO Startup Competition — EEG-Controlled Electric Wheelchair — Seoul Business Agency (서울산업진흥원 금상)

TALKS & ADVISORY

2026.04	OmOCon 2nd Seoul — "sub sub sub agent" Agent delegation and protocol engineering
2026.04	Kwangwoon University KW-VIP Vibe Coding Lecture Prompt → context → harness engineering
2025.10	Flutter Korea 2025 @ Google Startup Campus — "How to Become a Genius Developer" AI productivity and the wave of accelerated development

EDUCATION

Kwangwoon University M.S. Electronic & Telecommunications Engineering — Neuro AI Lab (SNN) 2023.01 — 2025.02
Sungkyunkwan University M.S. Course, EECE (withdrew 2023) 2020.03 — 2023
Dongyang Mirae University Associate degree — graduated 2018

SKILLS

Research Spiking Neural Network · Speech Recognition / ASR · Multimodal AI · Computer Vision · Time-series / Signal Processing
Engineering Python · C · Java · PyTorch · TensorFlow · OpenCV · Flask · Django · Git · Docker · AWS · MySQL
Product & Field Forward Deployed Engineering · Project Planning & Prototyping · Experience Design · Technical Decision Making