

SANGWU PARK

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EDUCATION

KAIST (Korea Advanced Institute of Science and Technology) M.S. in Data Science Advisor: Prof. Chanyoung Park Research Interest: Vision-Language-Action Models, Agentic AI	<i>Mar 2025 - Present</i>
Chung-Ang University B.S. in Applied Statistics Received an Academic Excellence Scholarship for 3 semesters (Fall 2021, Spring 2022, Fall 2022) Major GPA: 4.45/4.5 Overall GPA: 4.1/4.5	<i>Mar 2018 - Aug 2024</i>

POSITIONS

DSAIL <i>Research Intern</i> · Advisor: Prof. Chayoung Park	<i>Jul 2023 - Feb 2025</i> <i>KAIST, South Korea</i>
Seculayer <i>AI Engineering Intern</i>	<i>Dec 2022 - Feb 2023</i> <i>Seoul, South Korea</i>
Humanity Research Institute <i>Research Intern</i> · Advisor: Prof. Hyejin Moon	<i>Oct 2022 - Feb 2023</i> <i>Chung-Ang Univ, South Korea</i>
Hike Lab <i>Research Intern</i> · Advisor: Prof. Haklae Kim	<i>Jul 2022 - Aug 2022</i> <i>Chung-Ang Univ, South Korea</i>

PROJECTS

On-Device NLP for Fast Task Spec Generation in Autonomous Agents <i>Hosted by ETRI</i>	<i>May 2026 - Present</i>
Research on Fundamental Technologies for Complex Human-Like AI <i>Hosted by ETRI</i>	<i>Jul 2023 - Present</i>
CMU Vision-Language-Autonomy Challenge <i>Hosted by AAI Lab, KAIST</i>	<i>Aug 2025 - Oct 2025</i>
PDF Text Mining Using Large Language Models and OCR <i>Hosted by Samsung Electronics</i>	<i>Mar 2024 - Feb 2025</i>
Training AutoML Project 'AutoAPE' via Kaggle Competitions <i>Hosted by Seculayer</i>	<i>Dec 2022 - Feb 2023</i>
Turnover Factor Analysis using Topic Modeling and XAI <i>Hosted by Humanity Research Institute, Chung-Ang Univ.</i>	<i>Oct 2022 - Feb 2023</i>
Improving the Quality of Public Address Data <i>Hosted by Hike Lab, Chung-Ang Univ.</i>	<i>Jul 2022 - Aug 2022</i>

EXPERIENCE

DEVOCEAN

Devocean Young 2nd

Mar 2023 - Feb 2024

SKT, South Korea

- Created development content for DEVOCEAN, SK Group's developer community
- Experienced hands-on development through coding missions and group development projects
- Developed the project 'DEVOCEANFLOW', which involves prompt tuning for code correction and matching with DEVOCEAN master

Naver Boostcamp AI Tech

Recommender System Track

Mar 2023 - Aug 2023

Naver Connect Foundation, South Korea

- Learn the end-to-end process of working with data, from AI model design to data engineering and MLOps
- Develop practical skills through hackathons and projects while studying the theory of Recommender System algorithm
- Developed and launched the recommendation algorithm for the personalized clothing recommendation project 'Journey'

Korea Management Association

Seoul, South Korea

Aug 2019 - Nov 2019

- Training for big data experts to build a customer data analysis system
- Learn the basics of data analysis, ML/DL using Python and R, and completed toy projects
- Studied data engineering tools such as SQL and Hadoop

Publications

- **Personalize-then-Store: Benchmarking and Learning Personalized Memory for Long-horizon Agents**
Yeonjun In, Wonjoong Kim, **Sangwu Park**, Kanghoon Yoon, Chanyoung Park
Preprint
- **PAIR: Prefix-Aware Internal Reward Model for Multi-Turn Agent Optimization**
Wonjoong Kim, Yeonjun In, **Sangwu Park**, Dongha Lee, Chanyoung Park
Preprint
- **Rethinking Failure Attribution in Multi-Agent Systems: A Multi-Perspective Benchmark and Evaluation**
Yeonjun In, Mehrab Tanjim, Jayakumar Subramanian, Sungchul Kim, Uttaran Bhattacharya, Wonjoong Kim, **Sangwu Park**, Somdeb Sarkhel, Chanyoung Park
Preprint
- **Self-EvolveRec: Self-Evolving Recommender Systems with LLM-based Directional Feedback**
Sein Kim, **Sangwu Park**, Hongseok Kang, Wonjoong Kim, Jimin Seo, Yeonjun In, Kanghoon Yoon, Chanyoung Park
Preprint
- **Test-Time Training for Visual Foresight Vision-Language-Action Models**
Sangwu Park, Wonjoong Kim, Yeonjun In, Sein Kim, Hongseok Kang, Chanyoung Park
International Conference on Machine Learning Continual Adaptation at Scale: Towards Sustainable AI Workshop (ICML 2026 CATS)
- **Beyond the Final Answer: Evaluating the Reasoning Trajectories of Tool-Augmented Agents**
Wonjoong Kim, **Sangwu Park**, Yeonjun In, Sein Kim, Dongha Lee, Chanyoung Park
International Conference on Machine Learning (ICML 2026)
- **Reasoning Structure Matters for Safety Alignment of Reasoning Models**
Yeonjun In, Wonjoong Kim, **Sangwu Park**, Chanyoung Park
Annual Meeting of the Association for Computational Linguistics (ACL 2026)

- **Is Safety Standard Same for Everyone? User-Specific Safety Evaluation of Large Language Models**
Yeonjun In, Wonjoong Kim, Kanghoon Yoon, Sungchul Kim, Mehrab Tanjim, **Sangwu Park**, Kibum Kim, Chanyoung Park
Conference on Empirical Methods in Natural Language Processing (EMNLP 2025 Findings)
- **SIMPLOT: Enhancing Chart Question Answering by Distilling Essential**
Wonjoong Kim*, **Sangwu Park***, Yeonjun In, Seokwon Han, Chanyoung Park
Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2025 Findings)
(* indicates equal contribution)

Professional Services

Conference Reviews

- ACM International Conference on Information and Knowledge Management (CIKM ADS Track) 2025
- ICLR Workshop on AI with Recursive Self-Improvement (ICLR RSI Workshop) 2026
- ACM International Conference on Information and Knowledge Management (CIKM Applied Research Track) 2026
- ACM International Conference on Information and Knowledge Management (CIKM Full Research Track) 2026