

# SEOYOUNG PARK

seoyoungpark@kaist.ac.kr · seoyoungpark32@gmail.com

MS Student, Graduate School of Culture Technology, Korea Advanced Institute of Science and Technology  
291 Daehak-ro, Yuseong-gu, Daejeon, South Korea (34141)

## SUMMARY

---

My research interest mainly covers disclosure of individual behavior and understanding, as well as the structure and elements of communities. Currently, I am curious about how large language models (LLMs) are impacting scientific community. I am also working on moral detection using language models and embedding space.

- Research Interest: Computational Social Science, Science of Science, Network Science, and Data Science

## EDUCATION

---

**Korea Advanced Institute of Science and Technology, Daejeon, South Korea** *Feb. 2024 - Present*  
*M.S. Student at Graduate School of Culture Technology (Advisor: Prof. Wonjae Lee)*

**Soongsil University, Seoul, South Korea** *Mar. 2019 - Feb. 2024*  
*B.S., School of AI Convergence*  
*B.S., Department of Statistics and Actuarial Science*

## RESEARCH EXPERIENCE

---

**Social Computing Lab, KAIST, Daejeon, South Korea** *Feb. 2024 - Present*  
*Research Assistant (Advisor: Prof. Wonjae Lee)*

**Advanced Data Science Lab, Soongsil University, Seoul, South Korea** *Jan. 2022 - Feb. 2024*  
*Research Assistant (Advisor : Prof. Jinhyuk Yun)*

## PUBLICATION

---

### In-progress

- **S. Park, S. Park, T. You, J. Yun (2024)**, Social Links vs. Language Barriers: Decoding the Global Spread of Streaming Content, (under review), <http://arxiv.org/abs/2402.19329>

## PROJECTS

---

- Predicting Emerging Risk Based on Autonomous Driving Algorithms *Jul. 2023 - Oct. 2023*
  - Proposed a B2B insurance business model by measuring emerging risk caused by autonomous driving
  - Simulated with the adjusted CommonRoad framework to reflect the social behavior of Korean citizens
  - Collected data on roads with high accident rates in Korea and quantified their complexity characteristics
- Preference Analysis of the OTT(Over-The-Top) Platform *May 2023 - Jun. 2023*
  - Clustering contents of main six platforms serviced in US
  - Using NLP processing methods to cluster by description (synopsis) of contents
- Korean Literacy Analysis Using General Linear Regression Models *Nov. 2022 - Dec. 2022*
  - Analyzed literacy ability of different generation in 2017 and 2020
  - Used proportional odds model, baseline category logit model, and logistic regression

- Abusive Language Detection

*Jun. 2022 - Nov. 2022*

- Image-text based detection of abusive Korean words
- Created text-based sentiment prediction model and curse detection model
- Designed combined model of Multi-kernel CNN + LSTM + BiLSTM
- Used LIME algorithm to censor detected abusive words

## AWARDS AND HONORS

---

- National Scholarship, KAIST

*Feb. 2024 - Feb. 2026*

- 1st Prize, AI Convergence Contest, Soongsil University

*Nov. 2022*

- 3rd Prize, AI Convergence Contest, Soongsil University

*Nov. 2019*

- Academic Excellence Scholarship, Soongsil University

*2019-FA, 2020-SP, 2022-SP*

## SKILLS

---

- Korean(Native), English(Conversant), Japanese(Advanced), Mandarin Chinese (Basic)
- Python, R, C++, C
- Tensorflow, Pytorch