

Geewook Kim

Research Scientist at NAVER CLOVA (Apr. 2020 - Current)

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Education

Kyoto University Apr. 2018–Mar. 2020
Master of Informatics, Statistical Intelligence Lab., Graduate School of Informatics
(Supervisor : Prof. Hidetoshi Shimodaira)

Kyoto University Apr. 2014–Mar. 2018
Bachelor of Engineering, Applied Mathematics and Physics Course, School of Informatics and Mathematical Science

Selected Publications

1. **G. Kim**, T. Hong, M. Yim, J. Nam, J. Park, J. Yim, W. Hwang, S. Yun, D. Han, and S. Park, “**OCR-free Document Understanding Transformer**”, European Conference of Computer Vision (ECCV), 2022.
2. **G. Kim**, W. Hwang, M. Seo, and S. Park, “**Semi-Structured Query Grounding for Document-Oriented Databases with Deep Retrieval and Its Application to Receipt and POI Matching**”, AAAI Workshop on Knowledge Discovery from Unstructured Data in Financial Services, 2022.
3. W. Hwang, H. Lee, J. Yim, **G. Kim**, and M. Seo, “**Cost-effective End-to-end Information Extraction for Semi-structured Document Images**”, Empirical Methods in Natural Language Processing (EMNLP), 2021.
4. J. Baek, **G. Kim**, J. Lee, S. Park, D. Han, S. Yun, S. J. Oh, and H. Lee, “**What is wrong with scene text recognition model comparisons? dataset and model analysis**”, International Conference on Computer Vision (ICCV), 2019. (Oral).
5. **G. Kim**, A. Okuno, K. Fukui, and H. Shimodaira, “**Representation Learning with Weighted Inner Product for Universal Approximation of General Similarities**”, International Joint Conference on Artificial Intelligence (IJCAI), 2019.
6. **G. Kim**, K. Fukui, and H. Shimodaira, “**Segmentation-free Compositional n-gram Embedding**”, North American Chapter of the Association for Computational Linguistics: Human Language Technologies (NAACL-HLT), 2019.
7. A. Okuno, **G. Kim**, and H. Shimodaira, “**Graph Embedding with Shifted Inner Product Similarity and Its Improved Approximation Capability**”, International Conference on Artificial Intelligence and Statistics (AISTATS), 2019.

Invited Talk & Presentations

You have been there!: Identifying a store from a receipt image, DEVIEW Conference, Korea 2021
Michinoku Communication Science Seminar, Tohoku University, Japan 2019

Employment

Research Scientist, NAVER Corp., Korea (Apr. 2020 - Current)
Research part-timer/trainee, Mathematical Statistics Team, (Sep. 2017 - Feb. 2020)
RIKEN Center for Advanced Intelligence Project, Japan
Research Intern, CLOVA OCR Team, NAVER Corp., Korea (Aug. 2018-Oct. 2018 and Aug. 2019-Sep. 2019)

Selected Honors & Awards

Seiwa International Students Scholarship 2019
Korea-Japan Joint Government Scholarship 2013–2018
Young Researcher Award at Annual Meeting of the Association for Natural Language Processing 2019

Language Proficiency

English (Full professional proficiency), Japanese (Native proficiency), Korean (Native proficiency)