

Eunchan Lee

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RESEARCH INTERESTS

- Natural language processing
- Natural language generation
- Language modeling
- Document representation

PUBLICATIONS (SCIE/ESCI)

1. **Eunchan Lee**, Changhyeon Lee, Sangtae Ahn, "Comparative Study of Multiclass Text Classification in Research Proposals Using Pretrained Language Models", *APPLIED SCIENCES* (2022)

CONFERENCES

1. **Eunchan Lee**, Sangtae Ahn, "Image Generation from Korean Dialogue Text via Prompt-based Few-shot Learning", *The 34th Annual Conference on Human & Cognitive Language Technology (HCLT'22)*, GyeongJu, Korea (Oct. 2022) - **Oral**
2. **Eunchan Lee**, Sangtae Ahn, "Prompt-based In-Context Learning for Korean Question Answering", *Korean Artificial Intelligence Association Summer Conference 2022(KAIA'2022)*, Jeju Island, Korea (Aug. 2022) - **Poster**
3. Bugwang Choe, **Eunchan Lee**, Sangtae Ahn, "Generating Literature-Style Sentences based on Summarized Text", *The 34th Annual Conference on Human & Cognitive Language Technology (HCLT'22)*, GyeongJu, Korea (Oct. 2022) - **Oral**
4. Eunwoo Go, **Eunchan Lee**, Sangtae Ahn, "Improving Performance of Sentiment Classification using Korean Style Transfer based Data Augmentation", *The 34th Annual Conference on Human & Cognitive Language Technology (HCLT'22)*, GyeongJu, Korea (Oct. 2022) - **Poster**
5. Seunghoon Lee*, Dongyeop Lee*, **Eunchan Lee***, Sangtae Ahn, "Story to Art Generation using Fine-tuned Stable Diffusion", *Korean Artificial Intelligence Association Autumn Conference (KAIA'2022)*, Seoul, Korea (Nov. 2022) - **Poster**

RESEARCH EXPERIENCES

- Research Intern at SKT AI Fellowship , SK Telecom, Korea (May. 2022 ~ Nov. 2022) / Vision-Language AI Research: Diffusion-based AI model for Story-to-Art Generation for Korean Childre
- STUDENT VOLUNTEER PROGRAM at The 29th International Conference On Computational

Linguistics (COLING 2022), Korea (Oct. 2022 ~ Oct. 2022) / Staff member for workshops, tutorials, session, and some special events

AWARDS AND HONORS

- The 4th SKT AI Fellowship, Encouraged Prize, SK Telecom, Korea (Nov. 2022)
- The 4th Korean Emotion Recognition International Challenge, 2022 (KERC2022), Bronze Prize, Chonnam National University, Korea (Nov. 2022)
- Qiskit Hackathon Korea 2021 : Community Choice Award Winner as [Project: Quantum-Neural-Network], IBM Qiskit-Korea, Korea (Feb. 2021)
- 2020 Daegu&Gyeongbuk Undergraduate AI Programming Competition, Encouraged Prize, Kyungpook National University, Korea (Oct. 2020)
- 2019 Daegu&Gyeongbuk Undergraduate SW Programming Competition, Encouraged Prize, Kyungpook National University, Korea (May. 2019)

PROJECTS

- University Data Analysis Website Construction Project, Kyungpook National University Information & Research center, Korea / Student Researcher & Programmer (Institute Labor Scholarship) (May. 2020 ~ Aug. 2020)
- Vision-Language AI Research (SKT AI Fellowship), SK Telecom, Korea / Diffusion-based AI model for Story-to-Art Generation for Korean Children. (May. 2022 ~ Nov. 2022)

SKILLS AND TECHNIQUES

Programming: *Python, C, C++, Java, Linux, Javascript, (HTML,CSS), SQL, Embedded-system Programming, Open-Source Programming*

Artificial Intelligence Tool: *PyTorch, TensorFlow, Transformers*

EDUCATION

Mar. 2021 ~ Feb. 2023	Kyungpook National University School of Electronics Engineering	Daegu, Korea
	Thesis: Prompt-based Few-shot Learning for Natural Language Processing <i>Advisor: Sangtae Ahn</i> <i>M.S. in Electronics Engineering</i>	
Mar. 2015 ~ Feb. 2021	Kyungpook National University School of Electronics Engineering	Daegu, Korea
	<i>B.S. in Electronics Engineering</i>	