

# Jimin An

Department of Artificial Intelligence  
Sungkyunkwan University, Korea  
als398@naver.com  
010-2122-8036

## RESEARCH INTERAEST

---

- Natural Language Processing, Program Language Processing
- Large Language Models, Parameter-efficient Fine-tuning

## EDUCATION

---

Aug. 2022 ~ Aug. 2024	<b>Sungkyunkwan University</b> Department of Artificial Intelligence (GPA 3.94/4.5) M.S Student <i>Advisor: Prof. Jee-Hyong Lee</i>	Suwon-si, Korea
Mar. 2018 ~ Aug. 2021	<b>Sangmyung University</b> Department of Computer Science (GPA 4.02/4.5) <i>Bachelor of Science in Computer</i> <i>With Accreditation for Artificial Intelligence</i>	Seoul, Korea

## RESEARCH & WORK EXPERIENCES

---

July. 2023	<b>University of Udine</b> International Summer School on Artificial Intelligence	Udine, Italy
Jan. 2022 ~ Aug. 2022	<b>Sungkyunkwan University</b> Information & Intelligence System Lab. <i>Undergraduate Intern</i>	Suwon-si, Korea
Jan. 2021 ~ Jul. 2021	<b>NC Soft corp.</b> NLP Center, Language AI Lab, Machine Translation Data team <i>Language AI Research Intern</i>	Gyeonggi-do, Korea

## CONFERENCE

---

1. **J. M. An**, Y. S. Choi, J. H. Lee, “Code Defect Detection using Pre-trained Language Models with Encoder-Decoder via Line-Level Defect Localization”, The 2024 Joint International Conference on Computational Linguistics, Language Resources and Evaluation (**LREC-Coling 2024**), **Accepted**
2. **J. M. An**, Y. S. Choi, J. H. Lee, “Code Defect-Detection via External Knowledge Prompt with Pre-trained Language Models on Code”, Korean Institute of Information Scientists and Engineers (**KIISE 2023**) – **oral**
3. J. A. Yang, **J. M. An**, J. H. Lee, “Importance of Style-Adaptive Pretraining for Korean Machine Reading Comprehension”, Korea Institute of Intelligent Systems, (**KIIS 2023**) – **oral**
4. **J. M. An**, C. W. Na, J. H. Lee, “Vulnerability Verification of Psychological Counseling Chatbot using Adversarial Attack”, Korea Institute of Intelligent Systems, (**KIIS 2022**) – **oral**

## JOURNAL

---

**J. M. An**, J. H. Lee, Y. S. Choi, J. H. Lee, “A Study of Defect Detection using External Knowledge Prompt with Pre-trained Language Models”, **Journal of KIISE (under review)**

## PATENTS

---

1. Artificial Intelligence-based verification process to verify vulnerabilities of Psychotherapy Chatbot (Apply: 10-2022-0177267)
2. Style-Adaptive Pretraining for Korean Machine Reading Comprehension (Apply: 10-2023-0084078)

## AWARDS AND H ONORS

---

2024	<b>The Excellence Award</b> in KSC 2023 Oral Presentations	KIISE
2023	<b>KT CTO Prize(2<sup>nd</sup> prize)</b> in AI Graduate school Challenge with KT Mi:dm	Ministry of Science and ICT
2021	SW Academic A Scholarship	Sangmyung University
	SW Academic B Scholarship	Sangmyung University
	<b>The Grand Prize</b> in Github Contest	Sangmyung University
	<b>The Excellence Award</b> in Programming Competition	Sangmyung University
2020	Sangmyung Daishin Scholarship	Daishin Securities Co.
	SW Academic A Scholarship	Sangmyung University
	<b>Participation Award</b> in AI Contest	Sangmyung University
2019	Improvement Scholarship	Sangmyung University
	Academic A Scholarship	Sangmyung University