

Eugene Jang

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EDUCATION	M.S., Computer Science Korea Advanced Institute of Science and Technology (KAIST) Advisor - Jong C. Park	2019-2021
	B.S., Computer Science (Minor: Physics) Korea Advanced Institute of Science and Technology (KAIST)	2014-2019
EXPERIENCE	Senior Researcher (AI Team), S2W Inc. <ul style="list-style-type: none">• Detection of various types of cybercrime [2, 5-7, 10]• Automation of cyber threat intelligence [3-4, 6]• Vulnerabilities of LLMs [1]	2021–Present
PUBLICATIONS	[1] (Preprint) Eugene Jang , Kimin Lee, Jin-Woo Chung, Keuntae Park, Seungwon Shin. <i>Improbable Bigrams Expose Vulnerabilities of Incomplete Tokens in Byte-Level Tokenizers</i> . Under review: ACL Rolling Review Oct 2024 [2] Minkyoo Song, Eugene Jang , Jaehan Kim, Seungwon Shin. <i>Covering Cracks in Content Moderation: Delexicalized Distant Supervision for Illicit Drug Jargon Detection</i> . KDD 2025 [3] Jian Cui, Hanna Kim, Eugene Jang , Dayeon Yim, Kicheol Kim, Yongjae Lee, Jin-Woo Chung, Seungwon Shin, Xiaojing Liao. <i>Tweezers: A Framework for Security Event Detection via Event Attribution-centric Tweet Embedding</i> . NDSS 2025 [4] Eugene Jang , Jian Cui, Dayeon Yim, Youngjin Jin, Jin-Woo Chung, Seungwon Shin, Yongjae Lee. <i>Ignore Me But Don't Replace Me: Utilizing Non-Linguistic Elements for Pretraining on the Cybersecurity Domain</i> . Findings of NAACL 2024 [5] Hanna Kim, Jian Cui, Eugene Jang , Chanhee Lee, Yongjae Lee, Jin-Woo Chung, Seungwon Shin. <i>DRAINLoG: Detecting Rogue Accounts with Illegally-obtained NFTs using Classifiers Learned on Graphs</i> . NDSS 2024 [6] Youngjin Jin, Eugene Jang , Jian Cui, Jin-Woo Chung, Yongjae Lee, Seungwon Shin. <i>DarkBERT: A Language Model for the Dark Side of the Internet</i> . ACL 2023 [7] Youngjin Jin, Eugene Jang , Yongjae Lee, Seungwon Shin, Jin-Woo Chung. <i>Shedding new light on the language of the dark web</i> . NAACL 2022 [8] ChaeHun Park, Eugene Jang , Wonsuk Yang, Jong C Park. <i>Generating negative samples by manipulating golden responses for unsupervised learning of a response evaluation model</i> . NAACL 2021 [9] Huije Lee, Wonsuk Yang, Chaehun Park, Hoyun Song, Eugene Jang , Jong C Park. <i>Optimizing Domain Specificity of Transformer-based Language Models for Extractive Summarization of Financial News Articles in Korean</i> . PACLIC 2021	
PUBLICATIONS (DOMESTIC)	[10] Dayeon Yim, Eugene Jang , Jin-Woo Chung. <i>Topic classification for cybercrime-related telegram messages using BERT</i> . KSC 2023 [11] Eugene Jang , Wonsuk Yang, Jong C Park. <i>Target-Agnostic Detection of Stances Toward Entities in News Articles</i> . HCIK 2021	
VULN. DISCLOSURE	[12] Daejin Lee, Seunghoe Kim, Donguk Kim, Eugene Jang . <i>CVE-2022-24548: Microsoft Defender Denial of Service Vulnerability (Severity: Important)</i> . S2W Medium	

THESIS [13] **Eugene Jang**. *Detecting quoted claims and claim speakers in news articles using transformer-based language models*. Master's Thesis, 2021

PATENTS (DOMESTIC) [14] (Approved) **Eugene Jang**, Jian Cui, Dayeon Yim, Youngjin Jin, Jin-Woo Chung, Seungwon Shin, Yongjae Lee. *A Method for Training a Language Model for Cybersecurity and A System for its Implementation*.

SERVICES **Program Committee / Reviewer**,

- COLING (2020, 2022, 2025)
- LREC-COLING 2024
- EMNLP 2023
- ACL 2023
- ACL Rolling Review (2023, 2024)
 - Great Reviews: Oct 2023, Dec 2023, Feb 2024
- COLM 2024

TEACHING EXPERIENCE **Data Structure (CS 206)** Fall 2020
 Teaching Assistant, KAIST

Natural Language Processing with Python (CS 372) Spring 2020
 Teaching Assistant, KAIST

Introduction to Programming (CS 101) Fall 2018, Spring 2019
 Teaching Assistant, KAIST

SKILLS **Languages** Korean (*native*), English (*native-level, preferred*), Mandarin Chinese (*intermediate*)
Programming Python, C/C++, MATLAB, Java, Perl, Prolog.