

SEYEON LEE

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RESEARCH INTERESTS

Language Model Analysis, Commonsense Knowledge Acquisition, Natural Language Processing, Machine Learning

EDUCATION

University of Southern California, Los Angeles, CA, U.S.A. 08/2019-present
Master of Science in Computer Science, Viterbi school of Engineering

Seoul Women's University, Seoul, Korea. 03/2014-08/2018
Bachelor of Engineering in Computer Science & Engineering

Illinois Institute of Technology, Chicago, IL, U.S.A 08/2016-05/2017
Exchange Student, Information Technology and Business, School of Applied Technology

RESEARCH EXPERIENCE

INK Lab, University of Southern California, Log Angeles, U.S.A. 12/2019-present
Research Student Worker, Advised by Professor Xiang Ren

- Working on Analysis on Pre-trained Language Models, Commonsense Knowledge Acquisition, Dataset Construction

PUBLICATIONS

Birds have four legs?! NumerSense: Probing Numerical Commonsense Knowledge of Pre-trained Language Models

in Empirical Methods in Natural Language Processing(EMNLP) 2020

Bill Yuchen Lin, Seyeon Lee, Rahul Khanna and Xiang Ren

LEAN-LIFE: A Label-Efficient Annotation Framework Towards Learning from Explanation

in Annual Meeting of the Association for Computational Linguistics(ACL) 2020(system demo)

Dong-Ho Lee*, Rahul Khanna*, Bill Yuchen Lin, Jamin Chen, Seyeon Lee, Qinyuan Ye, Elizabeth Boschee, Leonardo Neves and Xiang Ren

UNDER REVIEW

Pre-Training Text-to-Text Transformers for Concept-Centric Commonsense

Wangchunshu Zhou*, Dong-Ho Lee*, Ravi Kiran Selvam, Seyeon Lee, Bill Yuchen Lin and Xiang Ren

WORK EXPERIENCE

INNERGBUS, Chicago, IL, U.S.A 05/2017-06/2017
Intern, Software Development Division

- Worked with web development team
- Developed websites for a range of divisions across the company using PHP, Javascript, HTML, CSS, AWS
- Contributed to the development of networking software by providing technical support

COMPUTER SKILLS

Programming Languages : Python, Swift, Java, C++, HTML, CSS, JavaScript, React

HONORS & AWARDS

Full Tuition (Academic) Scholarship, Seoul Women's University 02/2018

Internship Scholarship, Seoul Women's University 09/2017

Exchange Student Scholarship, Seoul Women's University 08/2016

SWELL (English Course) Scholarship, Seoul Women's University 02/2016

ACTIVITIES

Volunteer, teaching math in a national shelter, Seoul, Korea 03/2018-06/2018

<i>Member</i> , Programming Study Club, Seoul, Korea	03/2018-06/2018
<i>Member</i> , English Club HaengDang-GMP, Seoul, Korea	07/2015-12/2017
<i>Volunteer</i> , TED-X, assisting stage management, Chicago, IL, U.S.A.	04/2017
<i>Member</i> , Cheering Squad S.W.U.R.S, Seoul, Korea	03/2014-10/2014