

SEO YEON PARK

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Education

University of Illinois at Chicago, Chicago, IL, USA Aug. 2018 ~ Present (Expected May 2024)
Doctoral of Philosophy in Computer Science
University of Southern California, Los Angeles, CA, USA Aug. 2016 ~ May. 2018
Master of Science in Computer Science
Ewha Womans University, Seoul, Republic of Korea Mar. 2012 ~ Feb. 2016
Bachelor of Science in Computer Science & Engineering (3.93/4.3, Magna Cum Laude)

Research Experience

- Research Assistant (Advisor: Prof. Cornelia Caragea) at University of Illinois at Chicago
Jan. 2019 ~ Present
 - Model Calibration for Natural Language Processing tasks
 - Contrastive Learning and Semi-supervised Learning on Natural Language Reasoning tasks
 - Deep keyphrase Generation, Extraction, Classification
 - Sentiment Analysis extended to Higher-Level Emotion Detection (e.g., Sympathy and Empathy)
- Research Assistant (Advisor: Prof. Bhaskar Krishnamachari) at University of Southern California
Jan. 2017 ~ May. 2018
- Undergraduate Research Assistant (Advisor: Prof. Sang Soo Park) at Ewha Womans University
Dec. 2014 ~ Feb. 2015

Work Experience

- Applied Scientist Intern at Amazon Alexa NLU, (Seattle, WA, USA) May. 2021 ~ Aug. 2021
- Software Developer Intern at Cisco Systems, Inc. (San Jose, CA, USA) Jul. 2018 ~ Aug. 2018

Teaching Experience

- Teaching Assistant, CS 141 Programming Design II, University of Illinois at Chicago
Sep. 2018 ~ Dec. 2018, Aug. 2019 ~ Spring 2022
- Tutor in tutoring program, Ewha Womans University Mar. 2015 ~ Dec. 2015

Publication

1. **Seo Yeon Park**, Cornelia Caragea: Multi-Task Knowledge Distillation with Embedding Constraints for Scholarly Keyphrase Boundary Classification. EMNLP 2023 (Main).
2. Jishnu Ray Chowdhury, **Seoyeon Park***, Tuhin Kundu*, Cornelia Caragea : KPDrop: Improving Absent Keyphrase Generation. EMNLP 2022 (Findings).
3. **Seo Yeon Park**, and Cornelia Caragea : A Data Cartography based MixUp for Pre-trained Language Models. NAACL 2022 (Main).
4. **Seo Yeon Park**, and Cornelia Caragea : On the Calibration of Pre-trained Language Models using Mixup Guided by Area Under the Margin and Saliency. ACL 2022 (Main).
5. **Seoyeon Park**, and Cornelia Caragea : Scientific Keyphrase Identification and Classification by Pre-Trained Language Models Intermediate Task Transfer Learning. COLING 2020.
6. Yingjie Li, **Seoyeon Park**, Cornelia Caragea, Doina Caragea, and Andrea Tapia : Sympathy Detection in Disaster Twitter Data. ISCRAM 2019.

Honor and Award

6 times Honors Scholarships in The College of Engineering, Ewha Womans University (2013~2015)