

CHAN YOUNG PARK

A third year NLP/AI Ph.D. student @CMU_LTI

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RESEARCH PROJECTS

Lexical Borrowing and Connotations

Yulia Tsvetkov, Noah Smith, Shuly Wintner Aug 2020 – Present

- "How are lexical borrowing and international relations connected?"
- Aim to 1) automatically detect loanwords 2) measure connotations carried by them and 3) relate it to international relations.

Cross-lingual Transfer and Offensive Language Detection

Yulia Tsvetkov, David Mortensen Feb 2020 – Jun 2020

- "How to find the optimal transfer languages for cross-lingual tasks?"
- Attended SemEval-2020 (Offensive Language Detection), achieved competitive results in all languages including the 1st place in Greek.

Multilingual Affective Analysis

Yulia Tsvetkov Sep 2019 – Mar 2020

- "How do we quantify the subtle connotations of multilingual narratives?"
- Three contributions: 1) annotated new dataset of multilingual connotations 2) proposed multilingual BERT-based models 3) conducted analysis of LGBT people on Wikipedia.

RESEARCH INTERSHIPS

Sequential Text Generation

Adobe Research May 2019 – Aug 2019 San Jose, CA

- Worked on generating sequential texts (e.g. recipes, stories, tutorials)

Text Segmentation

Adobe Research Jun 2018 – Aug 2018 San Jose, CA

Dialog Systems

Naver Clova AI June 2017 – Nov 2017 South Korea

- Created a application of managing responses of dialog systems, and attended DSTC to earn the best performance on one of the tracks.

PUBLICATION

Ranking Transfer Languages with Pragmatically-Motivated Features for Multilingual Sentiment Analysis arXiv (under review)

Jimin Sun*, Hwijeen Ahn*, Chan Young Park*, Yulia Tsvetkov, David R. Mortensen

Multilingual Contextual Affective Analysis of LGBT People Portrayals in Wikipedia arXiv (under review)

Chan Young Park, Xinru Yan, Anjalie Field, Yulia Tsvetkov

Learning to Generate Word- and Phrase-Embeddings for Efficient Phrase-Based Neural Machine Translation WNGT@EMNLP'19

Chan Young Park, Yulia Tsvetkov

NLPDove at SemEval-2020 Task 12: Improving Offensive Language Detection with Cross-lingual Transfer SemEval@COLING'20

Hwijeen Ahn*, Jimin Sun*, Chan Young Park*, Jungyun Seo

Attention-based Dialog Embedding for Dialog Break-down Detection DSTC6 (2017)

Chanyoung Park, Kyungduk Kim, Songkuk Kim

EDUCATION

Ph.D. (Advisor: Dr. Yulia Tsvetkov)

Carnegie Mellon University,
Language Technologies Institute

2018 – Present Pittsburgh, PA

B.S. & M.S., Computer Science

Yonsei University, School of IT

2013 – 2016 / 2016 – 2018 Korea

RESEARCH INTEREST

- Multilinguality & Cross-Lingual Transfer
- Sentiment Analysis & Opinion Mining
- NLP for Social Science

MINOR PROJECTS

- Phrase-based Neural Machine Translation
- Domain Adaptaion for Emotion Classification
- Monotonic Attention for Longer Text Summarization

TEACHING

Algorithms for NLP

TA @Carnegie Mellon University

Fall 2019, Spring 2020

Theory of Algorithms

TA @Yonsei University

Fall 2016, Fall 2017

RELATED COURSES

Introduction to Machine Learning

Algorithms for NLP

Machine Learning for Text Mining

Neural Networks for NLP

Computational Ethics for NLP

Human Language for AI

Multilingual NLP

SKILLS

Korean

Python

Pytorch

R

Git/Docker

HTML/CSS

Java