

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 sentiment-related 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 INTERNSHIPS

Personalized Affect Classification

Facebook AI 📅 May 2021 – Sep 2021 📍 Seattle, WA

Procedural Text Generation

Adobe Research 📅 May 2019 – Aug 2019 📍 San Jose, CA

Text Segmentation

Adobe Research 📅 Jun 2018 – Aug 2018 📍 San Jose, CA

Dialog Systems

Naver Clova AI 📅 Jul 2017 – Nov 2017 📍 South Korea

PUBLICATIONS

Ranking Transfer Languages with Pragmatically-Motivated Features for Multilingual Sentiment Analysis 📄 EACL'21

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

Multilingual Contextual Affective Analysis of LGBT People Portrayals in Wikipedia 📄 ICWSM'21

Chan Young Park*, Xinru Yan*, Anjalie Field*, 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

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

Chan Young Park, Yulia Tsvetkov

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

FELLOWSHIPS

Doctoral Fellowship (Full Funding)

Korea Foundation for Advanced Studies

📅 Aug 2018 – May 2023

Undergraduate Fellowship

Korea Foundation for Advanced Studies

📅 Mar 2015 – Feb 2016

RESEARCH INTEREST

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

MINOR PROJECTS

- Domain Adaptation for Few-Shot Emotion Classification
- Phrase-Based Neural Machine Translation

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

Neural Networks for NLP

Computational Ethics for NLP

Human Language for AI

Multilingual NLP