

# CHAN YOUNG PARK

A third year NLP/AI Ph.D. student @CMU\_LTI

@ chanyoun@cs.cmu.edu    +1 650-229-4402    chan0park.github.io

## 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 INTERSHIPS

### Procedural Text Generation

Adobe Research     May 2019 – Aug 2019     San Jose, CA

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

### Text Segmentation

Adobe Research     Jun 2018 – Aug 2018     San Jose, CA

### Dialog Systems


Naver Clova AI     Jul 2017 – Nov 2017     South Korea

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


## PUBLICATIONS

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


Jimin Sun\*, Hwiyeon 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

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

Hwiyeon 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