Site Update: Korea University

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Korea University

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Members

- Kwonsik Park (PhD): Using the methods of computational linguistics for the study of language pedagogy
  - MA thesis (2020, Feb.): A comparison of nativeness judgments by the deep learning system and humans on Korean EFL learner sentences
- Guehyun Wang (MA): Paraphrasing training data for neural machine translation system
  - Nichols at al. (2010); Bond et al. (2008)
- Gyu-min Lee (MA): Dependency aids natural language generation
  - Hajdik et al. (2019); Buys and Blunsom (2017); Zhang et al. (2016); Sun and Wab (2016)

Members (cont'd)

- Unsub Shin (MA): Evaluating NPIs based on the deep learning models
  - Chaves (2020) *What Don't RNN Language Models Learn About Filler-Gap Dependencies?*; and many others
- Seongtae Kim (MA): Named Entity Recognition for biomedical data
  - biomedical embedding, pandemic dectection, mapping between medical terminologies
- Hyunsoo Kim (MA): Reflexives and Reciprocals
  - corpus study, experimental study, deep learning

Members (cont'd)

- Kang San Noh (Undergraduates): Korean ESL learners' underuse of English perfective and progressive
- Hyo Won Cho (Undergraduates): Deep learning-based sentence generation (GPT-2)
- Woojin Chung (Undergraduates): Dictionary based MWE Level list and its Application
- Eujeong Choi (Undergraduates): Identifying the hate speeches (Microaggression)
- ...

Research Topics

- Linguistic studies
  - Subjunctives
  - Internally Headed Relative Clauses
  - Unbound Reflexives
- Data sciences
  - Learners corpora
  - Analyzing the North Korean text data
  - A hybrid study of computational linguistics and communication disorders (speech pathology)
  - Biomedical NLP
- Computational modeling of syntax: a hybrid model (deep learning and grammar engineering)
  - Can machines learn generative grammar?

Research Grants

- An Empirical Base for the Study of Internally Headed Relative Clauses in Korean (PI)
    - Korean Research Foundation (about 21,000 USD)
    - corpus study, experimental study
    - HPSG/MRS implementation
- Korean NomBank
    - National Institute of Korean Language
    - the sets of arguments that cooccur with nouns in the PropBank Corpus
- ...