Shuning Jin

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INTERESTS

Natural Language Processing, Machine Learning, Deep Learning

EDUCATION

Rutgers University, Piscataway, NJ

Sept 2020 -

Ph.D., Computer Science Advisor: Karl Stratos

University of Minnesota Duluth, Duluth, MN

Jan 2016 - May 2019

B.S., Computer Science & Statistics, Summa Cum Laude

ACADEMIC Internship Visiting Research Student

June 2019 - May 2020

Chicago, IL

Hosts: Karen Livescu, Sam Wiseman

Toyota Technological Institute at Chicago

Fifth Jelinek Memorial Summer Workshop

June - Aug 2018 Baltimore, MD

Johns Hopkins University, CLSP

Team: General-Purpose Sentence Representation Learning

Leaders: Samuel R. Bowman (NYU), Ellie Pavlick (Brown)

• The objective was to obtain a reusable sentence encoder by pretraining on a single task or task combinations, which could achieve high performance when transferred to downstream tasks. The team produced an open-source toolkit *jiant* for sentence representation learning.

PUBLICATIONS

2020. Shuning Jin, Sam Wiseman, Karl Stratos, and Karen Livescu. Discrete Latent Variable Representations for Low-Resource Text Classification. In *Proceedings of Annual* Meeting of the Association for Computational Linguistics (ACL).

2020. Shuning Jin, Yue Yin, Xiane Tang, and Ted Pedersen. Duluth at SemEval-2020 Task 7: Using Surprise as a Key to Unlock Humorous Headlines. International Workshop on Semantic Evaluation (SemEval) (to appear).

2019. Alex Wang, Jan Hula, Patrick Xia, Raghavendra Pappagari, R. Thomas Mccoy, Roma Patel, Najoung Kim, Ian Tenney, Yinghui Huang, Katherin Yu, Shuning Jin, Berlin Chen, Benjamin Van Durme, Edouard Grave, Ellie Pavlick, and Samuel R. Bowman. How to Get Past Sesame Street: Sentence-Level Pretraining Beyond Language Modeling. In *Proceedings* of the Annual Meeting of the Association for Computational Linguistics (ACL).

2018. Shuning Jin and Ted Pedersen. Duluth UROP at SemEval-2018 Task 2: Multilingual Emoji Prediction with Ensemble Learning and Oversampling. In Proceedings of International Workshop on Semantic Evaluation (SemEval).

2018. Shuning Jin. Discovering Prognostic Genes for Glioma with Elastic Net and Stability Selection. In Proceedings of National Conference on Undergraduate Research (NCUR).

MISCELLANEOUS

Presentation at TTIC Student Workshop

Feb 2020

JHU Summer School on Human Language Technology

June 2018

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