XIAOCHUANG HAN (Han)

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EDUCATION

Carnegie Mellon University   August 2019 - Present
Master of Language Technologies
Advisor: Yulia Tsvetkov

Georgia Institute of Technology   August 2015 - May 2019
B.S. in Computer Science, Minor in Mathematics
Advisor: Jacob Eisenstein

PUBLICATIONS

Unsupervised Domain Adaptation of Contextualized Embeddings for Sequence Labeling
Xiaochuang Han and Jacob Eisenstein.
EMNLP 2019 (long, to appear)

No Permanent Friends or Enemies: Tracking Dynamic Relationships between Nations from News
Xiaochuang Han, Eunsol Choi, and Chenhao Tan.
NAACL 2019 (long, oral)

Mind Your POV: Convergence of Articles and Editors Towards Wikipedia's Neutrality Norm
Umashanthi Pavalanathan, **Xiaochuang Han**, and Jacob Eisenstein.
CSCW 2018

Interactional Stancetaking in Online Forums
Scott Kiesling, Umashanthi Pavalanathan, Jim Fitzpatrick, **Xiaochuang Han**, and Jacob Eisenstein.
Computational Linguistics, September 2018

Predicting the Suitability of Service Animals Using Instrumented Dog Toys
Ceara Byrne, Jay Zuerndorfer, Larry Freil, **Xiaochuang Han**, Andrew Sirolly, Scott Cilliland, Thad Starner, and Melody Jackson.
IMWUT, December 2017

RESEARCH EXPERIENCE

Georgia Tech Computational Linguistics Lab   August 2017 - May 2019
Undergraduate Researcher

· Improved unsupervised domain adaptation of contextualized embeddings for sequence labeling.
· Worked on unsupervised methods for geo-entity resolution.
· Analyzed the effect of Wikipedia's neutrality norm.
· Worked on stance classifiers in a quantitative model of stancetaking in online forums.
· Advisor: Prof. Jacob Eisenstein

University of Colorado Boulder NLP and CSS Lab   May 2018 - August 2018
Research Intern

· Built unsupervised model to explore entity-to-entity relations in world news.
· Advisor: Prof. Chenhao Tan

Georgia Tech Animal Computer Interaction Lab   August 2016 - May 2018
Undergraduate Researcher

· Built classifiers for dog behaviors with data from wearable motion and vocalization sensors.
· Advisor: Prof. Melody Jackson

LEADERSHIP

Georgia Tech Big Data Club   August 2015 - May 2019
President and Lecturer

· Gave lectures on big data and machine learning tools like MongoDB and PyTorch.
· Led projects on Twitter geo-location prediction and MARTA bus route analysis.