XIAOCHUANG HAN (Han)

404-988-6956 ⋄ xc@gatech.edu ⋄ xhan77.github.io

EDUCATION

Georgia Institute of Technology   August 2015 - Present
B.S. in Computer Science, Minor in Mathematics
Cumulative GPA: 3.94 / 4
Expected graduation: May 2019

PUBLICATIONS

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

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 - Present
Undergraduate Researcher
· Advisor: Prof. Jacob Eisenstein
· Developing POS tagger for historical English using transfer learning techniques.
· Worked on unsupervised methods for geo-entity resolution using conditional variational autoencoder and Expectation Maximization.
· Analyzed the effect of Wikipedia's neutrality norm with interrupted time series regression.
· Worked on stance classifiers in a quantitative model of stancetaking in online forums.

University of Colorado Boulder NLP and CSS Lab   May 2018 - August 2018
Research Intern
· Advisor: Prof. Chenhao Tan
· Building unsupervised model with linguistic heuristics for exploring entity-to-entity relations in world news.

Georgia Tech Animal Computer Interaction Lab   August 2016 - May 2018
Undergraduate Researcher
· Advisor: Prof. Melody Jackson

· Worked on classifiers for dog behaviors with data from wearable motion and vocalization sensors.

LEADERSHIP

Georgia Tech Big Data Club
August 2015 - Present
President and Lecturer

· Giving lectures and organizing workshops on big data and machine learning tools like MongoDB and PyTorch.
· Leading projects on Twitter geo-location prediction and MARTA bus route analysis.