

XIAOCHUANG HAN (Han)

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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.

Under Review, 2019

Mind Your POV: Convergence of Articles and Editors Towards Wikipedia's Neutrality Norm

Umashanthi Pavalanathan, **Xiaochuang Han**, and Jacob Eisenstein.

Proceedings of the ACM Conference on Computer-Supported Cooperative Work and Social Computing (CSCW), 2018

Interactional Stancetaking in Online Forums

Scott Kiesling, Umashanthi Pavalanathan, Jim Fitzpatrick, **Xiaochuang Han**, and Jacob Eisenstein.

Computational Linguistics, 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.

Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies (IMWUT), 2018

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.