

Binxuan Huang

5111 Wean Hall
School of Computer Science
Carnegie Mellon University
Pittsburgh, PA, 15213

Email : binxuanh@cs.cmu.edu
binxuanhuang@gmail.com
Page: binxuan.github.io
Mobile : +1-412-652-8661

RESEARCH INTERESTS

Natural language processing in social networks, computational social science, machine learning, social network analysis.

EDUCATION

Carnegie Mellon University

Pittsburgh, U.S.

Institute for Software Research, School of Computer Science

Ph.D. in Societal Computing, advised by Kathleen Carley

2015-Present

Zhejiang University

Hangzhou, China

B.Sc. in Physics

2015

B.E. in Computer Science (second degree)

2015

RESEARCH EXPERIENCE

Research Assistant

CASOS, Carnegie Mellon University, 2015-

Advisor: Prof. Kathleen Carley

Research Assistant

AI Lab, Zhejiang University, 2014-2015

Advisor: Prof. Xiaogang Jin

AWARDS AND HONORS

SBP-BRIMS 2017 Travel Grant

2017

GuSH Research Grant Awards

2016

National Scholarship of China (Top 2%, twice)

2012 & 2013

First-Class Scholarship for Outstanding Students (Top 3%, twice)

2012 & 2013

First-Class Scholarship for Outstanding Merits (Top 3%, twice)

2012 & 2013

Excellent Student Awards (Top 3%)

2013

First Prize of the National Talents Training Base (Top 3%)

2012

Scholarship for Excellence in Arts and Sports

2012

PUBLICATIONS

•Conference Papers

Aspect Level Sentiment Classification with Attention-over-Attention Neural Networks

Binxuan Huang, Yanglan Ou and Kathleen M. Carley, SBP-BRIMS 2018

On Predicting Geolocation of Tweets Using Convolutional Neural Networks

Binxuan Huang and Kathleen M. Carley, SBP-BRIMS 2017

RATE: Overcoming Noise and Sparsity of Textual Features in Real-Time Location Estimation

Yu Zhang, Wei Wei, **Binxuan Huang**, Kathleen M Carley, Yan Zhang, CIKM 2017

The Role of Different Tie Strength in Disseminating Different Topics on a Microblog

Felicia Natali, Kathleen M Carley, Feida Zhu, **Binxuan Huang**, ASONAM 2017

•Working Papers

Location Order Recovery in Trails with Low Temporal Resolution

Binxuan Huang and Kathleen M. Carley (in submission)

A Probabilistic Framework for Location Inference from Social Media

Yujie Qian, Jie Tang, Zhilin Yang, **Binxuan Huang**, Wei Wei and Kathleen Carley (in submission)

Twitter User Location Prediction Unifying Text and Network

Binxuan Huang and Kathleen M. Carley (in preparation)

•Technical Reports

NATO Trident Juncture on Twitter: Public Discussion

William Frankenstein, **Binxuan Huang**, Kathleen M. Carley

TEACHING

Teaching Assistant, Dynamic Network Analysis

Spring, 2017

Teaching Assistant, CASOS Summer Institute

June, 2016 & 2017

Teaching Assistant, Introduction to Computing System

Summer, 2014

PROFESSIONAL SERVICE

Reviewer for SBP-BRiMS, TNSE, CMOT

2018

GRADUATE COURSEWORK

Introduction to Machine Learning, Intermediate Statistics, Probabilistic Graphical Models, Dynamic Network Analysis, Computational Modeling, Convex Optimization, Deep Reinforcement Learning & Control, Deep Learning

TECHNICAL SKILLS

Programming: Python(Extensive), C/C++, Java, Matlab

Tools: SQL, Pytorch, Tensorflow, Latex, Linux, OSX