

Jason Shuo Zhang

Ph.D. Candidate
University of Colorado Boulder
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Research Interests

Computational Social Science • Ubiquitous Computing • Data Science • Natural Language Processing • Recommender Systems

Education

- 2015-2020 **Ph.D. candidate in Computer Science**
University of Colorado Boulder
Thesis: *Enhancing the understanding of human behavior and society through the interplay between online activity and offline context.*
Advisors: Qin Lv and Chenhao Tan
- 2015-2018 **M.S. in Computer Science**
University of Colorado Boulder
Advisor: Qin Lv
- 2011-2015 **B.S. in Automation**
Tongji University, Shanghai, China

Honors and Awards

- 2019 Outstanding Ph.D. Research Award AY 2018-2019, Computer Science Department, University of Colorado Boulder (One of four recipients)
- 2019 Google Ph.D. Fellowship Nomination by University of Colorado Boulder (One of two nominations)
- 2019 NSF Computer Systems Research (CSR) Spotlight Project: OutWithFriendz
- 2019 Final Round of Three Minute Thesis Speech Competition, University of Colorado Boulder (Top-10 among 30 candidates),
- 2018 Best Paper Runner-Up Award, ACM Sensys 2018 (Top-6 among 147 submissions)
- 2018 Student Travel Grant, ACM UbiComp 2018

- 2015-2016 Dean's Graduate Assistantship, College of Engineering and Applied Science, University of Colorado Boulder
- 2013 Gold Medal, Best Utility, and Best Interaction Awards in the Software Design Contest, Chinese Academy of Sciences (1st place among 763 teams)

Selected Media Coverage

- 2019 Live Interview with *NBC 9News*: [Study of NBA Reddit forum hopes to learn more about how people interact with each other online.](#)
- 2019 *CU Boulder Today*: [Flagrant fouls: What Reddit's basketball fans can tell us about online discourse.](#)
- 2019 *StudyFinds*: [Reddit Study: NBA Fans Turn Vulgar, Hateful, Even Violent When Engaging In Online Trash Talk.](#)

Publications

REFEREED CONFERENCE AND JOURNAL ARTICLES

- 2019 Jason Shuo Zhang, Chenhao Tan, and Qin Lv. *Intergroup Contact in the Wild: Characterizing Language Differences between Intergroup and Single-group Members in NBA-related Discussion Forums*. Proceedings of the ACM on Human-Computer Interaction 3, no. CSCW (2019): 193 ([CSCW'2019](#)). [Live interview with NBC 9News, covered by CU Boulder Today and Study Finds](#)
- 2019 Jason Shuo Zhang, Mike Gartrell, Richard Han, Qin Lv, and Shivakant Mishra. *GEVR: An Event Venue Recommendation System for Groups of Mobile Users*. Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies 3, no. 1 (2019): 34 ([UbiComp/IMWUT'2019](#)). [NSF Computer Systems Research \(CSR\) Spotlight Project](#)
- 2019 Jason Shuo Zhang and Qin Lv. *Understanding Event Organization at Scale in Event-Based Social Networks*. ACM Transactions on Intelligent Systems and Technology (TIST) 10, no. 2 (2019): 16 ([TIST'2019](#)).
- 2018 Jason Shuo Zhang, Chenhao Tan, and Qin Lv. *"This is why we play": Characterizing Online Fan Communities of the NBA Teams*. Proceedings of the ACM on Human-Computer Interaction 2, no. CSCW (2018): 197 ([CSCW'2018](#)).
- 2018 Jason Shuo Zhang, Khaled Alanezi, Mike Gartrell, Richard Han, Qin Lv, and Shivakant Mishra. *Understanding Group Event Scheduling via the OutWithFriendz Mobile Application*. Proceedings of the ACM on Interactive, Mobile, Wearable and Ubiquitous Technologies 1, no. 4 (2018): 175 ([UbiComp/IMWUT'2018](#)). [NSF Computer Systems Research \(CSR\) Spotlight Project](#)
- 2018 Truong, Hoang, Jason Shuo Zhang, Ufuk Muncuk, Phuc Nguyen, Nam Bui, Anh Nguyen, Qin Lv, Kaushik Chowdhury, Thang Dinh, and Tam Vu. *CapBand: Battery-free Successive Capacitance Sensing Wristband for Hand Gesture Recognition*. Proceedings of the 16th ACM Conference on Embedded Networked Sensor Systems, pp. 54-67. ACM, 2018 ([SenSys'2018](#)). [Best Paper Runner-up Award](#)

2018 Jason Shuo Zhang, and Qin Lv. *Hybrid EGU-based group event participation prediction in event-based social networks*. Knowledge-Based Systems 143 (2018): 19-29 (KBS'2018).

2017 Jason Shuo Zhang and Qin Lv. *Event organization 101: Understanding latent factors of event popularity*. In Eleventh International AAAI Conference on Web and Social Media. 2017 (ICWSM'2017).

IN-SUBMISSION MANUSCRIPTS

2019 Yawen Zhang, Seth Spielman, Qi Liu, Qin Lv, Si Shen, and Jason Shuo Zhang. *Detecting and Characterizing Job and Housing Mobility from Online Food Delivery Data*. In submission to The Web Conference 2020.

BLOG ARTICLES

2019 [Members with intergroup contact are more likely to use negative language in online NBA discussion forums](#)
Towards Data Science

2018 ["Trust the process?" How online sports communities are shaped by the offline context](#)
Towards Data Science

Professional Experience

2015-present Graduate Research Assistant, University of Colorado Boulder, Boulder, CO, USA
Advisor: Qin Lv

Summer 2019 Research Intern, Political Investigation Data Science Team, Twitter, San Francisco, CA, USA
Advisor: Andrew Mauboussin

Summer 2018 Graduate Research Assistant, University of Colorado Boulder, Boulder, CO, USA
Advisor: Chenhao Tan

Summer 2017 Research Intern, Criteo AI Lab, Criteo, Palo Alto, CA, USA
Advisor: Mike Gartrell

Teaching Experience

Fall 2019 Teaching Assistant, CSCI 6000: Introduction to PhD
University of Colorado Boulder
Helped design a series of panel discussions to provide an introduction of Ph.D. degree for 80 first-year Ph.D. and research-based MSc students in the computer science department.

Spring 2018 Teaching Assistant, CSCI 2270: Data Structures
University of Colorado Boulder

Fall 2015 Teaching Assistant, CSCI 3104: Algorithms
University of Colorado Boulder

Professional Service

PROGRAM COMMITTEE MEMBERSHIP

2020 ICWSM, ACL, WebSci
2019 RecSys, EMNLP W-NUT Workshop
2018 RecSys

SESSION CHAIR

2019 CSCW

REVIEWER

2020 SIGCHI, ACM Group, CSCW, UbiComp/IMWUT
2019 CSCW, UbiComp/IMWUT, CHI, UIST, TWEB, CHI PLAY
2018 CSCW, ICWSM, UbiComp/IMWUT, SIGIR

STUDENT VOLUNTEER

2018 UbiComp

LOCAL SERVICE

2018-2019 Faculty Hiring Student Committee, University of Colorado Boulder

Invited Talks

Intergroup Contact in the Wild: Characterizing Language Differences between Intergroup and Single-group Members in NBA-related Discussion Forums

Nov. 2019 Colorado School of Mines, Computer Science Department

Nov. 2019 University of Colorado Boulder, Computer Science Department Colloquium

July. 2019 Twitter, San Francisco, CO

Student Advising

Yichen Wang (Ph.D. student, class of 2017, University of Colorado Boulder)

Tao Ruan (Ph.D. student, class of 2017, University of Colorado Boulder)

Srihaasa Pidikiti (MSc student, class of 2019, University of Colorado Boulder)

Upasana Dutta (MSc student, class of 2019, University of Colorado Boulder)

Praveen Kumar Devaraj (MSc student, class of 2015, University of Colorado Boulder)

Shubha Swamy (Undergraduate student, class of 2016, University of Colorado Boulder)

References

Qin Lv (Ph.D. advisor)

Associate Professor, Associate Chair of Computer Science
University of Colorado Boulder
qin.lv@colorado.edu

Chenhao Tan (Ph.D. co-advisor)

Assistant Professor of Computer Science, Information Science Affiliate Faculty
University of Colorado Boulder
chenhao.tan@colorado.edu

Richard Han (co-author in UbiComp'19 and UbiComp'18)

Professor, Associate Chair of Computer Science
University of Colorado Boulder
richard.han@colorado.edu

Shivakant Mishra (co-author in UbiComp'19 and UbiComp'18)

Professor, Computer Science,
University of Colorado Boulder
shivakaht.mishra@colorado.edu