

# Jason Shuo Zhang

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## Research Interests

Computational Social Science • Ubiquitous Computing • Data Science • Human + AI

## Education

- 2015-2020 **Ph.D. in Computer Science**  
University of Colorado Boulder  
Thesis: *Social Group Computing: Advancing the Understanding of Human Behavior and Society through the Lens of Online Social Groups.*  
Advisors: Qin Lv and Chenhao Tan
- 2015-2018 **M.S. in Computer Science**  
University of Colorado Boulder  
Advisor: Qin Lv

## Honors & Awards

- 2020 Outstanding Ph.D. Research Award AY 2019-2020, Computer Science Department, University of Colorado Boulder (One of four recipients)
- 2020 Runner-up Award of The Three Minute Thesis Speech Competition, Graduate School, University of Colorado Boulder (Second-place among 30 candidates)
- 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
- 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

- 2020 *CU Boulder Today*: [As the coronavirus spread, 2 social media communities drifted apart](#)
- 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.](#)

## 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

2020 Jason Shuo Zhang, Brian C. Keegan, Qin Lv, and Chenhao Tan. *A Tale of Two Communities: Characterizing Reddit Response to COVID-19 through /r/China\_Flu and /r/Coronavirus*. ([Arxiv](#))  
In submission.  
Covered by [CU Boulder Today](#)

#### 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

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

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 Ph.D.  
*University of Colorado Boulder*

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

## Selected Talks & Presentations

*Social Group Computing: Advancing the Understanding of Human Behavior and Society through the Lens of Online Social Groups.*

June 2020 Kellogg School of Management, Northwestern University

June 2020 Lazer Lab, Northeastern University

May. 2020 Research School of Computer Science, The Australian National University

March. 2020 School of Computer Science, The University of Sydney

Feb. 2020 School of Information Systems, Singapore Management University

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

July. 2020 6th International Conference on Computational Social Science (IC2S2 2020)

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)

Rhett Hanscom (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

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

Professor, Computer Science,

University of Colorado Boulder

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