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Department of Information Science  
University of Colorado Boulder  
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## Research Interests

Online communities, moderation, social algorithms, social media, social computing, human computer interaction (HCI), computer supported cooperative work (CSCW)

## Education

### 2016 - Current **Ph.D., Information Science**

University of Colorado Boulder, Boulder, CO  
Department of Information Science  
Advisors: Dr. Jed Brubaker & Dr. Casey Fiesler

### 2012 - 2016 **B.S., Computer Science with Distinction, Summa Cum Laude**

University of Minnesota Twin Cities, Minneapolis, MN  
Department of Computer Science and Engineering  
Advisor: Dr. Lana Yarosh

## Publications

- [P6] **Jiang, J.A.**, Fiesler C., and Brubaker J.R. "The Perfect One": Understanding Communication Practices and Challenges with Animated GIFs. *Proc. ACM Hum.-Comput. Interact.* 2, CSCW, Article 80 (November 2018). (25% acceptance rate)
- [P5] **Jiang, J.A.** and Brubaker J.R. Tending Unmarked Graves: Classification of Post-mortem Content on Social Media. *Proc. ACM Hum.-Comput. Interact.* 2, CSCW, Article 81 (November 2018). (25% acceptance rate)
- [P4] Fiesler, C., **Jiang, J. A.**, McCann, J., Frye, K., and Brubaker, J.R. 2018. Reddit Rules! Characterizing an Ecosystem of Governance. In the Proceedings of the 2018 AAAI International Conference on Web and Social Media (ICWSM). Stanford, CA. (16% acceptance rate)
- [P3] **Jiang, J. A.**, Brubaker, J.R. 2018. Describing and Classifying Post-mortem Content on Social Media. In the Proceedings of the 2018 AAAI International Conference on Web and Social Media (ICWSM). Stanford, CA. (16% acceptance rate)
- [P2] **Jiang, J. A.**, Brubaker, J. R., & Fiesler, C. Understanding Diverse Interpretations of Animated GIFs. *Proc. CHI 2017 Extended Abstracts*. Denver, CO. (38% acceptance rate)
- [P1] **Jiang, J. A.**, Yarosh, S. Why Do Teammates Hate Me? Cross-Cultural Tensions and Social Dynamics in Online Games. *Proc. CSCW 2016 Companion*. San Francisco, CA.

## Research Experience

**May-Aug 2018 UX Research Intern**

Yahoo!/Oath, Sunnyvale, CA

Project: External Information Need in Personal Email

**2016 - Current Graduate Research Assistant**

Department of Information Science, University of Colorado Boulder

*Current Projects*

- Moderation and governance in online communities
- Encounters with upsetting algorithmically curated content
- Communication practices and challenges with animated GIFs
- Machine learning classification of post-mortem social media content

**2015 - 2016 Undergraduate Researcher**

GroupLens Research, University of Minnesota

- Led a study about cross-cultural tension and social dynamics in online multiplayer games

## Teaching

### TEACHING ASSISTANT

**Spring 2018** INFO 1121: **Designing Interactions**, CU Boulder

**Fall 2017** INFO 1111: **Understanding the World Through Data**, CU Boulder

**Spring 2017** INFO 1101: **Computation in Society**, CU Boulder

**Fall 2016** INFO 1201: **Computational Reasoning 1 (Python)**, CU Boulder

**Fall 2014,**  
**Spring 2015,** CSCI 2011: **Discrete Mathematics**, University of Minnesota  
**Fall 2015**

**Fall 2013,**  
**Spring 2014,** CSCI 1133: **Intro to Computing and Programming Concepts**, University of Minnesota  
**Spring 2016**

## Services

Reviewer: CHI 2017-2018, CSCW 2018

Student Volunteer: CHI 2017

## Honors & Awards

**2018** CU Boulder CMCI Graduate Student Travel Grant

**2016** Summa Cum Laude, University of Minnesota

**2016** Undergraduate Research Opportunities Program Scholarship, University of Minnesota (\$1400)

**2012 - 2016** Gold Global Excellence Scholarship, University of Minnesota (\$33,680 over 4 years)

**2012 - 2016** College of Science and Engineering: Dean's List, University of Minnesota

## Skills

**Research Skills:** Survey, interview, content analysis, thematic analysis, usability testing/user studies, statistical modeling & analysis, experimental design, NLP, machine learning

**Data Analysis:** scikit-learn, pandas, SciPy, NumPy, StatsModels, matplotlib, seaborn, Tableau, Jupyter Notebook/JupyterLab

**Programming Languages:** Python, Java, SQL, JavaScript, HTML

## Guest Lectures

**Data Cleaning and Wrangling in Pandas.** Guest lecture for INFO 3401: Information Exploration. October 2018.

**Survey Research Design.** Guest lecture for INFO 3506: Online Fandom. October 2018.

**Communication in Animated GIFs.** Invited talk for CMCI 1020: Media, Communication, Information. CU Boulder. February & April 2018.

**Ownership of Content on Social Media.** Invited talk for INFO 2131: Information Ecosystems. CU Boulder. October 2017.

## Media Coverage

Digital Afterlife: Addressing data of deceased users on social media. CGTN. April 11, 2018.

## Selected Coursework

Natural Language Processing  
Digital Identity  
Human-Centered Machine Learning  
Community and Social Interaction  
Survey Research Design  
User-Centered Design and Evaluation

## Research Mentorship

**Undergraduate** Keenan Wulff (Computer Science)  
Joshua McCann (Computer Science & Music)  
Darby Shepherd (Information Science)  
Amjad Alharbi (Computer Science)  
Kyle Frye (Information Science)  
Devon Soto (Computer Science)

## Languages

English (fluent), Mandarin Chinese (fluent), Japanese (elementary)