

Zheng Yao

Contact Information

Human Computer Interaction Institute
Carnegie Mellon University
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Research Interests

My research interests lie primarily in designing and evaluating new interventions to facilitate interactions in online communities, especially health support groups.

Education

Carnegie Mellon University

- Ph.D. in Human Computer Interaction 2016 – Present

Cornell University

- M.P.S. in Information Science 2015 – 2016
- B.A. with *magna cum laude* in Information Science 2011 – 2015

Conference Publications

1. *(Infra)structures of volunteering.*
Amy Volda, **Zheng Yao**, and Matthias Korn
Proceedings of the 18th ACM Conference on Computer-Supported Cooperative Work Social Computing. CSCW 2015.
2. *Two is Better Than One: Improving Multilingual Collaboration by Giving Two Machine Translation Outputs.*
Ge Gao, Bin Xu, David C.Hau, **Zheng Yao**, Dan Cosley and Susan R. Fussell
Proceedings of the 18th ACM Conference on Computer-Supported Cooperative Work Social Computing. CSCW 2015.

Posters

1. *Self-disclosure and Channel Difference in Online Health Support Groups*
Diyi Yang, **Zheng Yao**, and Robert E. Kraut
The 11th International AAAI Conference on Weblogs and Social Media. ICWSM 2017.

Research Experience

Carnegie Mellon University, Pittsburgh, PA

Graduate Research Assistant, Human Computer Interaction Institute 2016 – Present
Advised by Robert E. Kraut

- Designed and implemented a recommender system that facilitates social support in Cancer Survivors Network (CSN)
- Interviewed CSN users about their experience using the site
- Designed experiments to study collective socialization for newcomers in Wikipedia

Cornell University

Research Assistant, Cross-culture Communication Lab 2014 – 2016
Advised by Susan R. Fussell

- Conducted qualitative and quantitative analysis on machine translation application.
- Developed scheme for Anderson coding and repair sequence coding for conversation corpus to quantify grounding evidence
- Ran in-lab experiments related with affective grounding in instant messenger tools

Carnegie Mellon University

Research Intern, Connected Experience Lab Summer 2015
Advised by Laura Dabbish

- Designed between-subject experiment to evaluate the effectiveness of a privacy tool
- Ran sixty in-lab sessions together with two other research assistants
- Performed quantitative analysis on survey data

**Teaching
Experience**

Cornell University

Teaching Assistant, Department of Information Science

- INFO 4450 Computer Mediated Communication (with Susan R. Fussell) Spring 2016
- INFO 4400 Advanced HCI Design (with Gilly Leshed) Spring 2014
- INFO 2300 Intermediate Web Programming (with Steven Mohlke) Spring 2014
- INFO 2450 Communication and Technology (with Jeff Hancock and Drew Margolin) Fall 2013
- INFO 1300 Introduction to Web Design and Programming (with Dan Cosley) Fall 2013

**Awards
& Honors**

The William Lewis Brown Scholarship for Computing and Information Science 2016
Cornell University Distinction with honors in Information Science 2015
Honorable Mention Award, CSCW 2015
Cornell University College of Arts and Sciences: Dean's list 2011 – 2015

**Activities
& Services**

Reviewer of CSCW2017, CHI2017 2017
Cornell Alumni Ambassador 2017
Freelancewriter at Weiqi World Magazine 2016 – Present