Ruijia (Regina) Cheng

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Education

09/18 – present	**University of Washington (UW)** PhD student in Human Centered Design & Engineering (HCDE) Research Areas: Human-Computer Interaction, Computational Social Science, Education Technology Advisors: Benjamin Mako Hill, Jennifer Turns
09/14 – 06/18	**University of California, San Diego (UCSD)** *Magna Cum Laude* Bachelor of Science in Cognitive Science with a Specialization in Computation Bachelor of Science in Mathematics: Applied Science

Work Experience

09/18 – present	**Department of Human Centered Design & Engineering, University of Washington** Graduate Research Assistant
06/20 – 09/20	**Facebook Inc.** Mixed-Method UX Research Intern
10/16 – 01/18	**Design Lab, University of California, San Diego** Undergraduate Research Assistant Advisors: Steven Dow, Joel Chan

Publications

Peer-reviewed Conference Papers

1. **Cheng, R.**, Zeng, Z., Liu M., Dow, S. Critique Me: Exploring How Creators Publicly Request Feedback in an Open Online Community. 2020. Proceedings of the ACM Human Computer Interaction, Computer Supported Cooperative Work and Social Computing (CSCW 2020).
2. **Cheng, R.**, Zachry, M. Building Community Knowledge in Online Competitions: Motivation, Practices and Challenges. 2020. Proceedings of the ACM Human Computer Interaction, Computer Supported Cooperative Work and Social Computing Conference (CSCW 2020)

Short Paper and Posters

3. Frens, J., **Cheng, R.**, Walker E., Hsieh, G., Aragon, C. Feedback-Seeking in Online Fanfiction Communities. 2019. Poster in the 2019 Human Centered Design & Engineering Research Showcase.
4. **Cheng, R.**, De Castro, J., Dow, S., Chan, J. 2018. An Exploratory Study of Problem Framing in Distributed Collaborative Design. Working Paper in the ACM Group Conference (Group 2018).
5. Singh, F., Smith, A., Dudeck, N., Herrera, E., Lee, J., Yang, Z., **Cheng, R.**, Pineda, J. 2016. A Pilot Study to Assess the Effects of EEG-Gamma Neurofeedback on Working Memory in Schizophrenia Patients. Poster in the Society for Neuroscience 2016 Annual Conference (SfN 2016).

Teaching

Spring 2020	Teaching Assistant, HCDE 493 Capstone Project, University of Washington
Winter 2020	Teaching Assistant, HCDE 492 Capstone Project Planning, University of Washington
Fall 2019	Teaching Assistant, HCDE 417 Usability Testing, University of Washington
Spring 2019	Teaching Assistant, HCID 531 Formative UX Research Studio, University of Washington

Mentoring

Ziwen Zeng, Undergrad Summer Intern Student, 2019

Maysnow Liu, Undergrad Summer Intern Student, 2019

Services

07/20	ACM CSCW 2020 reviewer
03/20	ACM IDC 2020 reviewer
01/20	UW Community Data Science Workshop mentor
01/20	ACM CHI 2020 Late Breaking Work reviewer
02/19	UW HCDE master application reviewer
01/19	ACM CHI 2019 Late Breaking Work reviewer

Skills

Qualitative methods: interview; field observation; persona; storyboarding; usability test; qualitative coding

Quantitative methods: survey; A/B testing; statistical modeling; log analysis

Prototyping and design: Sketch, Photoshop

Data science: Python, Matlab, R, SQL; natural language processing; machine learning

Software development: Python, HTML, CSS, JavaScript