

# Ruijia (Regina) Cheng

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## Education

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- 09/18 – **University of Washington (UW)**  
present 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 – **University of California, San Diego (UCSD)**  
06/18 *Magna Cum Laude*  
Bachelor of Science in Cognitive Science with a Specialization in Computation  
Bachelor of Science in Mathematics: Applied Science

## Work Experience

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

## Publications

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### 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. **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).
4. 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

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- 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

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## Mentoring

Ziwen Zeng, Undergrad Summer Intern Student, 2019  
Maysnow Liu, Undergrad Summer Intern Student, 2019

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## 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

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## 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