

Julia Cambre

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EDUCATION **Carnegie Mellon University**, Pittsburgh, PA 2017 - present
Ph.D. student, Human-Computer Interaction Institute
Advised by Chinmay Kulkarni

Stanford University, Stanford, CA 2010 - 2014
Bachelor of Science, with distinction, Symbolic Systems
Major Concentration: Human-Computer Interaction
Minor: Spanish
GPA: 3.88/4.00

PUBLICATIONS **Julia Cambre** and Chinmay Kulkarni. One Voice Fits All? Social Implications and Research Challenges of Designing Voices for Smart Devices. In *Proceedings of the 22nd ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '19)*. Article 223, 19 pages. DOI: <https://doi.org/10.1145/3359325>.

Julia Cambre, Ying Liu, Rebecca Taylor, and Chinmay Kulkarni. Vitro: Designing a Voice Assistant for the Scientific Lab Workplace. In *Proceedings of the 2019 on Designing Interactive Systems Conference (DIS '19)*, 15311542. DOI: <https://doi.org/10.1145/3322276.3322298>

Julia Cambre, Scott Klemmer, and Chinmay Kulkarni. 2018. Juxtapeer: Comparative Peer Review Yields Higher Quality Feedback and Promotes Deeper Reflection. In *Proceedings of the 2018 CHI Conference on Human Factors in Computing Systems (CHI '18)*. Paper 294, 13 pages. DOI: <https://doi.org/10.1145/3173574.3173868>

Chinmay Kulkarni, **Julia Cambre**, Yasmine Kotturi, Michael Bernstein, Scott Klemmer. 2015. Talkabout: Making Distance Matter with Small Groups in Massive Classes. *Proceedings of the 18th ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '15)*. DOI: <https://doi.org/10.1145/2675133.2675166>

RESEARCH POSITIONS **Voice Experience Research Intern** Mozilla
May 2019 - August 2019 San Francisco, California
Prototyped novel forms of voice interaction for the Firefox browser, with the aim of making the web more open, accessible, and efficient for all. Developed a web extension—Firefox Voice—which allows users to control Firefox with voice commands, and conducted iterative user studies to evaluate its effectiveness. Code for the project is available open source at <https://github.com/mozilla/firefox-voice>

Research Assistant Design Lab
September 2016 - June 2017 UC San Diego
Worked with Scott Klemmer on two projects aimed at improving peer-graded assignments in massive online courses, and one initiative to promote civilized discourse following the 2016 U.S. presidential election.
Remix Projects: Prototyped a process that allowed learners to build upon the work of their peers, turning project-based courses into peer production activities.
Comparative Peer Review: Built a new peer review tool and studied the efficacy of performing peer evaluations through pairwise comparisons of submissions.
Discussions about the election: Extended the Talkabout platform to encourage political dialogue among diverse Americans.

Undergraduate Research Assistant Human-Computer Interaction Group
June 2013 - June 2014 Stanford University
Worked with Chinmay Kulkarni, Yasmine Kotturi, Michael Bernstein, and Scott Klem-

mer to conceptualize, design, and implement Talkabout, a platform used by over 6,000 learners from 135 countries for coordinating and supporting small-group video discussions for students in Massive Open Online Courses.

**INDUSTRY
EXPERIENCE**

COURSERA INC.
Technical Account Manager September 2015 - August 2016
Partner Operations Specialist July 2014 - September 2015
Managed relationships with strategic university partners and provided timely platform support to English and Spanish-speaking business contacts, with a special focus on matters related to research, data sharing and security, and user privacy. As a Technical Account Manager, my book of accounts included top research institutions with over 150 combined courses, including the world's largest open online course. I also served as a liaison for Coursera's research community, helping to answer questions regarding research data and fulfill dozens of highly sensitive data export requests per month. During my tenure at Coursera, I attended and presented at workshops and conferences throughout the United States and abroad.

**EXTENDED
ABSTRACTS**

Julia Cambre, Chinmay Kulkarni, Scott Klemmer. 2017. Escaping the echo chamber: ideologically and geographically diverse discussions about politics. In *Proceedings of the 2017 CHI Conference Extended Abstracts on Human Factors in Computing Systems (CHI EA 17)*, 2423-2428.

Julia Cambre, Scott Klemmer. 2017. Standing on the Shoulders of Peers: Tournament-Style Remixing in Project Courses. In *Companion of the 2017 ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW '17)*, 155-158.

Julia Cambre, Chinmay Kulkarni, Michael Bernstein, Scott Klemmer. 2014. Talkabout: Small-group discussions in massive global classes. *ACM Learning @ Scale (2014)*.

**AWARDS &
HONORS**

Program in Interdisciplinary Education Research Fellowship: 2017 - Present

Phi Beta Kappa Society: 2014 Inductee, Stanford University Chapter

Best Undergraduate Essay, Senior Year Award: Department of Iberian and Latin American Cultures, Stanford University

TEACHING

Teaching Assistant, *User Centered Research and Evaluation*, Human-Computer Interaction Institute, Carnegie Mellon University. August 2019 - December 2019.

Volunteer Instructor, *LABSci Program at the Lucile Packard Children's Hospital School*, January 2011 - June 2014. Developed and taught science labs designed for the unique needs of middle and high school students in a hospital classroom environment.

**INVITED
TALKS**

Hasso Plattner Design Thinking Research Program Workshop
Making distance matter with small groups in massive classes
Potsdam, Germany, September 2014

SERVICE

External reviewer
ACM Conference on Computer Supported Cooperative Work & Social Computing (CSCW) 2018, 2019, 2020
ACM Conference on Human Factors in Computing Systems (CHI) 2018, 2019, 2020

Ombudsperson
Representative for the PhD students in the Human-Computer Interaction Institute 2019-2020

Open House Student Coordinator

Human-Computer Interaction Institute PhD Student Visit Weekend

2019

**SELECTED
PRESS
COVERAGE**

Seeker

'Mini U.N.' Online Platform Fights the Echo Chamber Effect

Dec 14, 2016

CNBC

Post-election therapy across Silicon Valley after Trump win

Dec 13, 2016

EdSurge

5 Essential Steps to Building Community for your Online Course

June 24, 2015

Stanford Report

Stanford Researchers Use Diverse, Global Discussion Groups to Boost Online Learning Experience for Participants

May 5, 2015

LANGUAGES

English (native), Spanish (professional working proficiency)