

RESEARCH AREAS

- Psychology of human-computer interaction (HCI) and human-robot interaction (HRI)
- Mixing human and robotic agents, autonomy, and control
- Context-aware, mobile, and ubiquitous media

EXPERIENCE

- 6/16 – current **UNIVERSITY OF CALIFORNIA, SANTA CRUZ** Acting Associate Professor *Santa Cruz, CA*
- Founding and leading a cognitive psychology lab that explores Re-embodied Cognition (ReCo Lab)
 - Mentoring and teaching graduate and undergraduate students through coursework and research
- 3/16 – current **HOKU LABS** Independent Human-Robot Interaction Researcher *Palo Alto, CA*
- Enabling data-driven decision making for robotic products through human-robot interaction research
- 7/13 – 2/16 **GOOGLE X** Senior User Experience Researcher *Mountain View, CA*
- Conducted social science research to inform and drive the design of special projects within X
 - Collaborated with engineering and product teams to define user experience goals and metrics
- 1/09 – 7/13 **WILLOW GARAGE** Human-Robot Interaction Research Scientist and Manager *Menlo Park, CA*
- Led human-robot interaction research and design, publishing results of field studies, lab experiments, interviews, and surveys of how people interact with personal robots
 - Informed the design of personal robotics platforms, mobile remote presence systems, user interfaces for teleoperation, and interactions with robots that have varying degrees of autonomy
 - Served on the strategy team (since January 2011), providing a human-centered perspective
- 8/08 – 1/09 **NOKIA RESEARCH CENTER** Human-Computer Interaction Member of Research Staff *Palo Alto, CA*
- Collaborated on design exercises for the future of mobile computing user interfaces
- 6/05 – 7/08 **PALO ALTO RESEARCH CENTER, USER INTERFACE RESEARCH** Research Assistant *Palo Alto, CA*
- Conducted task analysis of open-ended foraging and sensemaking by intelligence analysts
- 9/03 – 6/08 **STANFORD UNIVERSITY, CHIME LAB** Research Assistant *Stanford, CA*
- Ran experiments on in-car user interfaces, mobile communication, spatialized audio, and HRI
 - Conducted interviews and archival research to trace the philosophical history of ubiquitous computing
 - Taught project-based undergraduate and graduate level courses in human-computer interaction
- 6/03 – 9/03 **IBM RESEARCH, USER SCIENCES AND EXPERIENCES** Research Intern *Almaden, CA*
- Conducted field studies and online surveys with system administrators of large-scale systems
- 1/01 – 8/03 **GROUP FOR USER INTERFACE RESEARCH** Computer Science Research Assistant *Berkeley, CA*
- Conducted contextual inquiries with firefighters to inform context-aware interface designs

EDUCATION

STANFORD UNIVERSITY

PhD Communication (2008)

PhD minor Psychology, MA Communication

UNIVERSITY OF CALIFORNIA, BERKELEY

BA Cognitive Science, BA Psychology (2003)

Haas Business for Arts, Science, & Engineering (2002)

AWARDS AND MEMBERSHIPS

- IEEE Robotics and Automation Society, Early Career Award, 2015
- World Economic Forum Young Global Leader (YGL), 2013
- Technology Review's 35 Innovators Under 35 (TR35), 2012
- Fast Company's 100 Most Creative People in Business, 2012
- Memberships: ACM, CogSci, APS, Golden Key, IEEE, Psi Chi, Phi Beta Kappa, World Economic Forum