

Shuwen Qiu

CONTACT INFORMATION	3878 Slichter Hall University of California, Los Angeles Los Angeles, CA 90095, USA	<i>Phone:</i> (310) 500-5301 <i>Email:</i> janetqiu@cs.ucla.edu
EDUCATION	University of California, Los Angeles, CA, USA Ph.D. in Computer Science	09/2020 - current
	University of California, Los Angeles, CA, USA Master of Science in Computer Science GPA:3.94/4.00	09/2018 - 06/2020
	Beijing University of Posts and Telecommunications, Beijing, China B.S. in Communication Engineering GPA: 91.44/100.00	09/2014 - 06/2018
RESEARCH EXPERIENCE	Center for Vision, Cognition, Learning and Autonomy, UCLA Graduate Student Researcher <ul style="list-style-type: none">• Cooperation and Communication Mechanisms: the emergence of communicative convention in a problem-solving task.• Theory of Mind: human mental state inference in RGBD videos• Pragmatics: Implicature reasoning in dialogues• HRI: Human-robot interaction in the shared augmented workspace	09/2018 - present <i>Advisor: Song-Chun Zhu</i>
	Airdoc Research Group, China Research Intern <ul style="list-style-type: none">• Using domain adaption for fundus image diagnosis• Representation learning for fundus identity recognition	07/2018 - 09/2018 <i>Advisor: Xin Zhao</i>
	The Computational Vision and Learning Lab, UCLA Cross-Disciplinary Scholars in Science and Technology (CSST) Program <ul style="list-style-type: none">• Stimuli preparation and subject data analysis• Extract visual cues to predict human handshake awkwardness	07/2017 - 09/2017 <i>Advisor: Hongjing Lu</i>
	Patter Recognition Intelligent System Lab, BUPT Research Assistant <ul style="list-style-type: none">• Using domain adaption to enhance robustness for deep local feature descriptors• Design platform for 360-degree face recognition	05/2017 - 06/2018 <i>Advisor: Weihong Deng</i>
PUBLICATIONS	(* indicates equal contribution) Fan, Lifeng*, Shuwen Qiu*, Zilong Zheng, Tao Gao, Song-Chun Zhu and Yixin Zhu. "Learning Triadic Belief Dynamics in Nonverbal Communication from Videos." IEEE/CVF Conference on Computer Vision and Pattern Recognition (CVPR) (2021)(Oral) Qiu, Shuwen*, Hangxin Liu*, Zeyu Zhang, Yixin Zhu, and Song-Chun Zhu. "Human-Robot Interaction in a Shared Augmented Reality Workspace." International Conference on Intelligent Robots and Systems (IROS) (2020)	

Kadambi, Akila, Nicholas Ichien, Shuwen Qiu, and Hongjing Lu. "Understanding the visual perception of awkward body movements: How interactions go awry." *Attention, Perception, Psychophysics* (2020)

Qiu, Shuwen, and Weihong Deng. "Deep local descriptors with domain adaptation." In *Chinese Conference on Pattern Recognition and Computer Vision (PRCV)*. Springer, Cham, 2018.

TEACHING
EXPERIENCE

University of California, Los Angeles, Department of Communication

Comm 188C: Introduction to Data Science Winter 2021
- Teaching Assistant

University of California, Los Angeles, Department of Psychology

Psych 186A: Cognitive Science Laboratory: Introduction to Theory and Simulation Fall 2020
- Teaching Assistant

Psych 186A: Cognitive Science Laboratory: Introduction to Theory and Simulation Spring 2020
- Teaching Assistant

PROGRAMMING C/C++, C#, Python, MATLAB, L^AT_EX, HTML
LANGUAGES

DEEP LEARNING Pytorch, Tensorflow, Keras
FRAMEWORKS