

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	Amazon, USA Applied Scientist Intern <ul style="list-style-type: none">• Apply Transformer to sequential recommendation• Combine Transformer and self-supervised learning to improve recommendation results	06/2021 - 10/2021 <i>Manager: Anurag Beniwal</i>
	Center for Vision, Cognition, Learning and Autonomy, UCLA Graduate Student Researcher <ul style="list-style-type: none">• Cooperation and Communication Mechanisms: the emergent graphical convention in a visual communication game• 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">• Apply domain adaption to 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">• Apply 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 155: Artificial Intelligence and New Media Spring 2021
- Teaching Associate

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
FRAMEWORKS