

# Baoxiong Jia

660 Veteran Avenue  
Apt 222  
Los Angeles, CA, 90024

Email: [baoxiongjia@ucla.edu](mailto:baoxiongjia@ucla.edu)  
Phone: +1(240)550-4292  
Homepage: [buzz-beater.github.io](http://buzz-beater.github.io)  
Github: [github.com/Buzz-Beater](https://github.com/Buzz-Beater)

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EDUCATION	<b>University of California, Los Angeles</b> , Los Angeles, CA <i>Doctor of Philosophy (Ph.D.)</i> , Computer Science	Present
	<b>University of California, Los Angeles</b> , Los Angeles, CA <i>Master of Science (M.S.)</i> , Computer Science	June 2019
	<b>Peking University</b> , Beijing, China <i>Bachelor of Science (B.S.) with honor</i> , Computer Science	June 2018
RESEARCH EXPERIENCE	<b>Center for Vision, Cognition, Learning and Autonomy (VCLA)</b> <i>Research Assistant, advised by: Prof. Song-chun Zhu</i>	UCLA Sept. 2017 - present
	<ul style="list-style-type: none"><li>• 4D understanding of human activities and forecasting of both actions and scenes.</li><li>• Intention prediction and inverse planning based on stochastic grammar parsing, inverse reinforcement learning and theory of mind theories.</li><li>• Visual reasoning and induction for analogy in Raven Progressive Matrices.</li></ul>	
	<b>Operating System Lab</b> <i>Research Intern, advised by: Prof. Yao Guo</i>	Peking University Feb. 2016 - May. 2018
	<ul style="list-style-type: none"><li>• Automatic app comparison generation by mining comparative user reviews from app markets and applying sentiment analysis methods.</li></ul>	
JOURNAL	Siyuan Qi, <b>Baoxiong Jia</b> , Siyuan Huang, Ping Wei, Song-chu Zhu. A Generalized Earley Parser Human Activity Parsing and Prediction. <i>IEEE Transactions on Pattern Analysis and Machine Intelligence</i> (TPAMI) 2020.	
CONFERENCE	<b>Baoxiong Jia</b> , Yixin Chen, Siyuan Huang, Yixin Zhu, Song-chun Zhu. LEMMA: A Multiview Dataset for <u>L</u> earning <u>M</u> ulti-agent <u>M</u> ulti-task <u>A</u> ctivities. <i>European Conference on Computer Vision</i> (ECCV) 2020.	
	Chi Zhang*, <b>Baoxiong Jia</b> *, Feng Gao, Yixin Zhu, Hongjing Lu, Song-chun Zhu. Learning Perceptual Inference by Contrasting. <i>Advances in Neural Information Processing Systems</i> (NeurIPS) 2019. ( <b>Spotlight</b> )	
	Chi Zhang*, Feng Gao*, <b>Baoxiong Jia</b> , Yixin Zhu, Song-chun Zhu. RAVEN: A Dataset for Relational and Analogical Visual Reasoning. <i>IEEE Conference on Computer Vision and Pattern Recognition</i> (CVPR) 2019.	
	Siyuan Qi*, Wenguan Wang*, <b>Baoxiong Jia</b> , Jianbing Shen, Song-chun Zhu. Learning Human-Object Interactions by Graph Parsing Neural Networks. <i>European Conference on Computer Vision</i> (ECCV) 2018.	
	Siyuan Qi, <b>Baoxiong Jia</b> , Song-chun Zhu. 2018. Generalized Earley Parser: Bridging Symbolic Grammars and Sequence Data for Future Prediction <i>International Conference on Machine Learning</i> (ICML) 2018.	
	Yuanchun Li, <b>Baoxiong Jia</b> , Yao Guo, Xiangqun Chen. Mining User Reviews for Mobile App Comparisons. <i>PACM Interact. Mob. Wearable Ubiquitous Technol.</i> (UbiComp) 2017.	

<b>SERVICES</b>	I have reviewed for CVPR 2019, ICCV 2019, AAAI 2020, CVPR 2020, ECCV 2020, NeurIPS 2020		
<b>HONORS</b>	NeurIPS Travel Award, NeurIPS		2019
	Excellent College Graduate Award, Peking University		2018
	Kwang-Hua Scholarship, Peking University		2014 - 2015
	Award for Community Contribution, Peking University		2014 - 2015
	Award for Academic Excellence, Peking University		2015 - 2016