

Chong Zhou

CONTACT INFORMATION	2078 Academic Surge University of California, Davis Davis, CA 95616, USA	WWW: chongzhou96.github.io Mobile: 530-761-3414 E-mail: cczhou@ucdavis.edu
RESEARCH INTERESTS	I am broadly interested in computer vision and machine learning. Particularly, my current research is focused on object detection, instance segmentation, and audio-visual representation learning.	
EDUCATION	University of California Davis, Computer Science Dept. , Davis, CA, USA M.S. student, Computer Science <ul style="list-style-type: none">• Advisor: Prof. Yong Jae Lee Nankai University, The College of Software , Tianjin, China B.E., Software Engineering, 2014 <ul style="list-style-type: none">• Advisor: Prof. Ming-ming Cheng	
PUBLICATIONS	<ul style="list-style-type: none">[1] Daniel Bolya, Chong Zhou, Fanyi Xiao, and Yong Jae Lee. Yolact: Real-time instance segmentation. In <i>The IEEE International Conference on Computer Vision (ICCV)</i>, October 2019. (Oral presentation).[2] Daniel Bolya*, Chong Zhou*, Fanyi Xiao, and Yong Jae Lee (* equal contribution). Yolact++: Better real-time instance segmentation. Submitted to TPAMI, 2019.	
AWARDS	<ul style="list-style-type: none">• Graduate Research Assistantship, UC Davis, 2019• National University Student Innovation Program Grant (\$3100), 2016• ‘Gongneng’ Scholarship (15%), NKU, 2015 and 2016	
EXPERIENCE	University of California Davis , Davis, CA <i>Graduate Student Researcher</i> Dec 2018 - Present <ul style="list-style-type: none">• Propose a simple, fully-convolutional model for <i>real-time</i> instance segmentation that achieves 29.8 mAP on MS COCO at 33 fps evaluated on a single Titan Xp, which is significantly faster than any previous competitive approach. [ICCV 2019]• Boost the performance of our real-time instance segmenter to 34.1 mAP on MS COCO while keep it run at 33 fps. [Under submission] Nankai University , Tianjin, China <i>Undergraduate Senior Thesis</i> Sept 2017 - June 2018 <ul style="list-style-type: none">• Implementation and analysis of a semi-automatic image segmentation annotation system based on GrabCut and closed-form matting algorithms. <i>Undergraduate Student Researcher</i> Sept 2016 - June 2017 <ul style="list-style-type: none">• Develop an intelligent system that converts hand drawings and sketches into synthesized realistic photos. Sohu Inc. , Tianjin, China <i>Software Engineer</i> Mar 2018 - May 2018 <ul style="list-style-type: none">• Developed an automation testing tool using image feature matching.	
SKILLS	<ul style="list-style-type: none">• Programming: Python, C/C++, Java• Misc: PyTorch, LINUX, L^AT_EX	