

Jong-Chyi Su

+1 (224) 337-9278
jcsu@cs.umass.edu
<http://people.cs.umass.edu/~jcsu>

Education

Ph.D. Candidate, Computer Science, University of Massachusetts, Amherst Sep. 2015 - Present
M.S., Computer Science, University of California, San Diego Sep. 2013 - Jun. 2015
B.S., Electrical Engineering, National Taiwan University Sep. 2008 - Jun. 2012

Publications

- [1] **Active Adversarial Domain Adaptation**
Jong-Chyi Su, Yi-Hsuan Tsai, Kihyuk Sohn, Buyu Liu, Subhansu Maji, Manmohan Chandraker
in submission
- [2] **A Deeper Look at 3D Shape Classifiers**
Jong-Chyi Su, Matheus Gadelha, Rui Wang, Subhansu Maji
Second Workshop on 3D Reconstruction Meets Semantics, ECCV, 2018
- [3] **Reasoning about Fine-grained Attribute Phrases using Reference Games**
Jong-Chyi Su*, Chenyun Wu*, Huaizu Jiang, Subhansu Maji
International Conference on Computer Vision (ICCV), 2017
- [4] **Adapting Models to Signal Degradation using Distillation**
Jong-Chyi Su, Subhansu Maji
British Machine Vision Conference (BMVC), 2017
- [5] **Depth Estimation and Specular Removal for Glossy Surfaces Using Point and Line Consistency with Light-Field Cameras**
Michael Tao, Jong-Chyi Su, Ting-Chun Wang, Jitendra Malik, and Ravi Ramamoorthi
IEEE Transactions on Pattern Analysis and Machine Intelligence (PAMI), Volume 38 Issue 6, June 2016.

Work Experience

Computer Vision Lab, UMass-Amherst Amherst, MA
Research Assistant, **Supervisor: Prof. Subhansu Maji** Sep. 2015 - Present
fine-grained recognition, domain adaptation, few-shot learning, vision and language

NEC Labs America Media Analytics Team Cupertino, CA
Summer Research Assistant, **Supervisor: Dr. Yi-Hsuan Tsai, Prof. Manmohan Chandraker** Jun. 2018 - Aug. 2018
domain adaptation, object detection, active learning

AWS Deep Learning Team Palo Alto, CA
Applied Scientist Intern, **Supervisor: Dr. R. Manmatha, Prof. Deva Ramanan** Jun. 2017 - Aug. 2017
image translation with generative adversarial networks and nearest neighbor search.

Computer Vision Lab, UCSD San Diego, CA
Research Assistant, **Supervisor: Prof. Ravi Ramamoorthi** Jul. 2014 - Dec. 2014
depth estimation for images from light field cameras.

Rady School of Management, UCSD San Diego, CA
Research Assistant **Supervisor: Prof. Hyoduk Shin** Mar. 2014 - Apr. 2014

Synaptics, Inc. Taipei, Taiwan
System Engineer Intern Jul. 2011 - Aug. 2011

Teaching Experience

Teaching Assistant, UMass-Amherst

- COMPSCI 682, Neural Networks: A Modern Introduction

Amherst, MA
Spring 2018, Fall 2018

Teaching Assistant, UCSD

- CSE 250B, Machine Learning
- CSE 150, Introduction to Artificial Intelligence
- CSE 140, Components and Design Techniques for Digital Systems

San Diego, CA
Winter 2015
Summer 2014
Spring 2014, Spring 2015

Professional activities

Reviewer: CVPR 2018, ACCV 2018, CVPR 2019

Outstanding Reviewer: CVPR 2018

Skills and Languages

Programming Languages: Python, Matlab, C/C++

Tools: PyTorch, Tensorflow, MXNet, Matconvnet, Torch

Languages: proficient in Chinese and English