

SAFA CICEK

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Publications

Alex Wong, Safa Cicek, Stefano Soatto, Learning Topology from Synthetic Data for Unsupervised Depth Completion, in submission.

Alex Wong, Safa Cicek, Stefano Soatto, [Targeted Adversarial Perturbations for Monocular Depth Prediction](#), Conference on Neural Information Processing Systems (NeurIPS). 2020.

Safa Cicek, Ning Xu, Zhaowen Wang, Hailin Jin, Stefano Soatto, Generative Feature Disentangling for Unsupervised Domain Adaptation. European Conference on Computer Vision Workshop (ECCVW). 2020.

Safa Cicek, Ning Xu, Zhaowen Wang, Hailin Jin, Stefano Soatto, Spatial Class Distribution Shift in Unsupervised Domain Adaptation: Local Alignment Comes to Rescue. Asian Conference on Computer Vision (ACCV). 2020.

Safa Cicek, Alireza Nakhaei, Stefano Soatto, Kikuo Fujimura, [MARL-PPS: Multi-agent Reinforcement Learning with Periodic Parameter Sharing](#), International Conference on Autonomous Agents and Multiagent Systems (AAMAS). 2019.

Safa Cicek, Stefano Soatto, [Input and Weight Space Smoothing for Semi-supervised Learning](#), International Conference on Computer Vision Workshop (ICCVW). 2019.

Safa Cicek, Stefano Soatto, [Unsupervised Domain Adaptation via Regularized Conditional Alignment](#), International Conference on Computer Vision (ICCV) as *oral* (%4.6). 2019.

Safa Cicek and Alhussein Fawzi and Stefano Soatto, [Saas: Speed as a Supervisor for Semi-Supervised Learning](#), European Conference on Computer Vision (ECCV). 2018.

Patents

Nakhaei Sarvedani, Alireza, Kikuo Fujimura, and Safa Cicek. [SYSTEM AND METHOD FOR MULTI-AGENT REINFORCEMENT LEARNING WITH PERIODIC PARAMETER SHARING](#). U.S. Patent Application No. 16/680,395.

Education

UCLA, Los Angeles, California

PhD, 2015-present

In UCLA Vision Lab under the supervision of Professor Stefano Soatto.

Thesis: Deep semi-supervised learning

Committee: Stefano Soatto, Lieven Vandenbergh, Paulo Tabuada, Guy Van den Broeck.

UCLA, Los Angeles, California

Masters, 2015-2017

EE, Electrical Engineering.

Bilkent University, Ankara, Turkey

BS, 2011-2015

EE, Electrical Engineering. Graduated within 3.5 years as a Valedictorian. 3.97 GPA out of 4.00.

Experience

Waymo, Mountain View, California

June 2020 - September 2020

Worked on object detection models for camera view.

Adobe Research, San Jose, California

June 2019 - September 2019

Worked on state-of-the-art GAN models for unsupervised domain adaptation.

Honda Research Institute, Mountain View, California

June 2018 - September 2018

Designed and implemented a novel state-of-the-art multi-agent reinforcement learning algorithm.

Skills

Deep learning libraries: Pytorch, TensorFlow, Keras

Programming languages: Python, Matlab, C++, Java.

Reviewer

European Conference on Computer Vision (ECCV), 2020.

Neural Processing Letters (NEPL) , 2019.

Selected Courses in Graduate School

EE courses: Nonlinear Dynamical Systems, Channel and Source Coding, Matrix Analysis, Adaptation and Learning, Convex Optimization, Stochastic Processes in Dynamical Systems, Linear Dynamical Systems.

CS courses: Learning and Reasoning with Bayesian Networks, Machine Perception, Machine Learning Algorithms, Algorithms and Complexity.

MATH courses: Advanced Numerical Analysis (on ODEs), Probability Theory (Measure Theory).

Awards

The Intel International Science and Engineering Fair (Intel ISEF), 2010 May

Fourth Award in Mathematical Sciences, Barycentric Coordinates and Their Applications.

University Entrance Exam, 2011 May/June

Ranked as 68 among 1.6 million examinees.