

# 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 for the project “Barycentric Coordinates and Their Applications”.

University Entrance Exam, 2011 May/June

Ranked as 68 among 1.6 million examinees.