# Safa Cicek

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## EDUCATION

**UCLA**
PhD in Electrical Engineering
2015-present | Los Angeles, California
In UCLA Vision Lab under the supervision of Professor Stefano Soatto.
Thesis: Deep semi-supervised learning.
Committee: Stefano Soatto, Lieven Vandenberghe, Paulo Tabuada, Guy Van den Broeck.

**UCLA**
MS in Electrical Engineering
2015-2017 | Los Angeles, California

**BILKENT UNIVERSITY**
BS in Electrical Engineering
2011-2015| Ankara, Turkey
Graduated within 3.5 years as a Valedictorian. 3.97 GPA out of 4.00.

## GRADUATE COURSES

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

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

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

## SKILLS

**Deep learning libraries:** • Pytorch • TensorFlow • Keras
**Programming languages:** • Python • Matlab • C++ • Java

## 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.

## EXPERIENCE

**WAYMO** | Intern
June 2020 - September 2020 | Mountain View, California
- Worked on object detection models for camera view.

**ADOBE RESEARCH** | Intern
June 2019 - September 2019 | San Jose, California
- Worked on state-of-the-art GAN models for unsupervised domain adaptation.

**HONDA RESEARCH INSTITUTE** | Intern
June 2018 - September 2018 | Mountain View, California
- Designed and implemented a novel state-of-the-art multi-agent reinforcement learning algorithm.

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

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

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

## REVIEWER

European Conference on Computer Vision (ECCV), 2020.
Neural Processing Letters (NEPL) , 2019.

## AWARDS

2010 The Intel International Science and Engineering Fair (Intel ISEF)
Fourth Award in Mathematical Sciences
2011 University Entrance Exam
Ranked as 68 among 1.6 million examinees.