Safa Cicek

1-424-230-6418 | safacicek@gmail.com | https://bsafacicek.github.io

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
Masters in Computer Science
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, 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.

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.