

Georgia Gkioxari

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Education

University of California, Berkeley

Department of Electrical Engineering and Computer Science

Ph.D. (*September 2010-May 2016*)

Advisor: Prof. Jitendra Malik

National Technical University of Athens

Department of Electrical and Computer Engineering

Diploma (5-year degree) in Electrical Engineering (*October 2005-July 2010*)

Major: Signals, Systems and Robotics

G.P.A. : Overall: 9.78/10 - ranked 2nd (Major: 9.96/10)

Thesis Supervisor: Prof. Petros Maragos

Research Experience

Facebook, FAIR

Post-doctoral Researcher, September 2016 - present

Google Research Intern, Machine Perception

Internship with the Google Machine Perception Team, working on object recognition.

August 2015-March 2016

Google Research Intern, Google Brain

Internship with the Google Brain Team, working on sequential models for structured tasks.

May 2015-August 2015

Graduate Student Researcher, Computer Vision Group

Department of Electrical Engineering and Computer Science, University of California, Berkeley

September 2010-present

Visiting Researcher, LEAR, INRIA Grenoble-Rhone Alpes

Summer 2013

Undergraduate Member, Computer Vision, Speech Communication and Signal Processing Group.

Undergraduate Thesis: *"Three Dimensional Reconstruction of Objects and Buildings using Multiple View Geometry"* (in Greek)

Department of Electrical and Computer Engineering, NTUA

September 2009 - July 2010

Publications

Chained Predictions using Convolutional Neural Networks

Georgia Gkioxari, Alexander Toshev and Navdeep Jaitly

European Conference of Computer Vision (ECCV), 2016

The Three R's of Computer Vision: Recognition, Reconstruction and Reorganization

J. Malik, P. Arbelàez, J. Carreira, K. Fragkiadaki, R. Girshick, G. Gkioxari, S. Gupta, B. Hariharan, A. Kar, S. Tulsiani

Pattern Recognition Letters, 2016

Contextual Action Recognition with R*CNN

Georgia Gkioxari, Ross Girshick and Jitendra Malik

International Conference of Computer Vision (ICCV), 2015

Actions and Attributes from Wholes and Parts

Georgia Gkioxari, Ross Girshick and Jitendra Malik

International Conference of Computer Vision (ICCV), 2015

Finding Action Tubes

Georgia Gkioxari and Jitendra Malik

Computer Vision and Pattern Recognition (CVPR), 2015

Using k -poselets for detecting people and localizing their keypoints

Georgia Gkioxari*, Bharath Hariharan*, Ross Girshick and Jitendra Malik

Computer Vision and Pattern Recognition (CVPR), 2014

* authors contributed equally

Articulated Pose Estimation using Discriminative Armlet Classifiers

Georgia Gkioxari, Pablo Arbelaez, Lubomir Bourdev and Jitendra Malik

Computer Vision and Pattern Recognition (CVPR), 2013

Honors/Awards

CVPR 2017 Outstanding Reviewer, 2017

Rising Stars in EECS, 2014

Graduate Student Instructor Outstanding Award for TA'ing CS188: Introduction to Artificial Intelligence during the fall semester 2011

Scholarship granted by The State Scholarship Foundation for excellent academic performance for the academic year 2009-2010

Thomaidio Award for excellent academic performance for the academic year 2009-2010

KARY Award for excellent academic performance for academic year 2009-2010

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Scholarship in memory of professor "Nikolaos Kritikos" for excellent performance in mathematics for academic year 2005-2006

Eurobank EFG Award for achieving the highest GPA score in my highschool for academic year 2004-2005

Relevant Coursework

Artificial Intelligence: Computer Vision, Statistical Learning Theory A, Natural Language Processing, Neural Computation

Theory: Introduction to Convex Optimization, Randomized Computation

Neuroscience: Visual Neuroscience

Teaching Experience

CS188: Artificial Intelligence - Graduate Student Instructor Outstanding Award

Fall 2011. (GSI) Search. Markov Decision Processes. Reinforcement Learning. Bayes Nets. Probabilistic Tracking. PacMan

CS280: Computer Vision Fall 2012. (GSI) Human visual perception. Stereo. Image Segmentation. Texture. Object recognition.

Computer Skills

Deep Learning Libraries: PyTorch, , Tensor Flow, Caffe2, Caffe

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

Platforms: Windows, GNU/Linux, MacOSx

Language Skills

Greek, native

English, Certificate of Proficiency in English, University of Michigan

German, Mittelstufe, Goethe Institut

French, three years of studies