Andrea Palazzi

Mail: andrea.palazzi@unimore.it | Mobile: +39 347 318 5472 | Personal site: ndrplz.github.io

SKILLS

Topics: Computer Vision, Deep Learning, Machine Learning

Languages: Python, Matlab, C++, C

Libraries: OpenCV, TensorFlow, Keras, Theano

EDUCATION

11/2016-ongoing *PhD Student*

University of Modena and Reggio Emilia, Italy.

Topic: Computer Vision and Deep Learning techniques applied to Automotive.

Supervisor: Prof. Rita Cucchiara.

2012-2015 *Master Degree in Computer Engineering*

University of Modena and Reggio Emilia, Italy.

Mark: 110 / 110 cum laude.

2009-2012 Bachelor Degree in Computer Engineering

University of Modena and Reggio Emilia, Italy.

WORK EXPERIENCE

09/2015 - 10/2016 Research Fellow at ImageLab

University of Modena and Reggio Emilia

01/2015 - 09/2015 Software Developer in R&D (Natural Language Processing)

Internship at Expert System, Modena, Italy

TEACHING ACTIVITIES

2017 Deep Learning, course lecturer in Master of Visual Computing (UniMoRe) [Slides].

Computer Vision, laboratory lecturer (UniMoRe).

2016 *Computer Vision*, laboratory lecturer (UniMoRe).

Machine Learning and Pattern Recognition, laboratory lecturer (UniMoRe).

CERTIFICATES, COURSES, SCHOOLS ATTENDED

Currently enrolled at *Udacity Self-Driving Car Engineer Nanodegree*.

2016 RegML 2016, summer school on Regularization Methods for Machine

Learning held by Lorenzo Rosasco at IIT (Genoa)

2015 Certificate of *Machine Learning Course* (Coursera)

Passed government exam and licensed as a professional engineer

2013 Second Short Spring School in Surveillance, organized by ImageLab

Research Group at UniMoRe, Modena.

2008 English Course at C1 Level of English (Oxford)

Cambridge ESOL Certificate in English, Level B2.

LANGUAGES

Italian:mother tongueGerman:basicEnglish:proficientFrench:basic

OTHER PROJECTS

Engineering and development of a face detection and recognition system

embedded on RaspBerry Pi 2 for Nortech Engineering Srl, Bologna.

Before 2016 Pet projects I made during my time in college can be found on my

youtube channel.

PUBLICATIONS

Palazzi, A., Borghi, G., Abati, D., Calderara, S., & Cucchiara, R., Learning to

Map Vehicles into Bird's Eye View, accepted to International Conference

on Image Analysis and Processing (ICIAP) 2017

Palazzi, A., Solera, F. Calderara, S., Alletto, S., & Cucchiara, R., Learning

Where to Attend Like a Human Driver, accepted to IEEE Intelligent

Vehicles Symposium 2017

Palazzi, A., Solera, F., Calderara, S., Alletto, S., & Cucchiara, R. (2016).

Where Should You Attend While Driving?. arXiv preprint

arXiv:1611.08215.

Solera, F., & Palazzi, A. (2016). A Statistical Test for Joint Distributions

Equivalence. *arXiv preprint arXiv:1607.07270*.

Palazzi, A., Calderara, S., Bicocchi, N., Vezzali, L., di Bernardo, G. A., Zambonelli, F., & Cucchiara, R. (2016, September). Spotting prejudice with nonverbal behaviours. In *Proceedings of the 2016 ACM International Joint Conference on Pervasive and Ubiquitous Computing* (pp. 853-862).

ACM. (Oral Presentation)

Alletto, S., Palazzi, A., Solera, F., Calderara, S., & Cucchiara, R. (2016). Dr (Eye) Ve: A dataset for attention-based tasks with applications to autonomous and assisted driving. In *Proceedings of the IEEE Conference on Computer Vision and Pattern Recognition Workshops* (pp. 54-60).

PRESS

The international science magazine New Scientist, based in UK, dedicates

a <u>cover article</u> to ImageLab's research about recognition of non-verbal

behaviours.