

# Andrea Palazzi

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## SKILLS

Topics: Computer Vision, Deep Learning, Machine Learning  
Languages: Python, Matlab, C++, C  
Libraries: Keras, Theano, Tensorflow, OpenCV

## EDUCATION

11/2016-ongoing *PhD Student*  
University of Modena and Reggio Emilia, Italy.  
Topic: Computer Vision and Deep Learning techniques applied to Automotive.

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 University of Modena and Reggio Emilia  
*Research Fellow at ImageLab*

01/2015 – 09/2015 Expert System, Modena, Italy  
*Software Developer in R&D, Natural Language Processing*

## LANGUAGES

Italian:	mother tongue	German:	basic
English:	proficient	French:	basic

## CERTIFICATES, COURSES ATTENDED

2017 - 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.

## TEACHING ACTIVITIES

- 2017                      *Laboratory lecturer* for the course of *Computer Vision*, Prof. Rita Cucchiara, at University of Modena and Reggio Emilia.
- 2016                      *Laboratory lecturer* for the course of *Computer Vision*, Prof. Rita Cucchiara, at University of Modena and Reggio Emilia.
- Laboratory lecturer* for the course of *Machine Learning*, Prof. Simone Calderara, at University of Modena and Reggio Emilia.

## OTHER PROJECTS

- 2016                      Engineering and development of a *face detection and recognition system embedded on RaspBerry Pi 2* for Nortech Engineering Srl, Bologna.

## PARTICIPATION TO EVENTS

- 2016                      ACM International Joint Conference on Pervasive and Ubiquitous Computing (Ubicomp), Heidelberg, Germany
- Exhibitor at Research2Business trade fair for Softech-ICT (Bologna).
- Lecturer at conference “Antidoti al Pregiudizio”, presenting the work realized by ImageLab in collaboration with the Department of Education and Humanities of Modena with the goal of reducing prejudice against disabled in primary schools (Carpi).

## PUBLICATIONS

- 2016                      Andrea Palazzi, Loris Vezzali, Simone Calderara, Nicola Bicocchi, Franco Zambonelli, Rita Cucchiara, *Spotting Prejudice with Nonverbal Behaviours*, accepted to Ubicomp, February 2016.
- Stefano Alletto\*, Andrea Palazzi\*, Francesco Solera\*, Simone Calderara, Rita Cucchiara, *DR(eye)VE: a Dataset for Attention-Based Tasks with Applications to Autonomous and Assisted Driving*, Computer Vision in Vehicle Technology 2016, March 2016. (\*equal contribution)