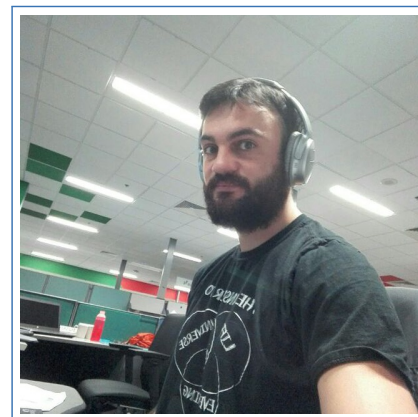


Marco Mecchia

Curriculum Vitae

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Education

Sep. 2014 **Master Degree in Computer Science**, *Università degli Studi di Salerno*,

Sep. 2017 Specialization: Machine Learning, Grade: 110 cum laude.

Characterising fields:

- Machine Learning.
- Image processing.
- Linear and Nonlinear optimization.
- Concurrent and Parallel programming.
- Robotics.
- Embedded systems.
- Information theory.

Thesis

Title *Design and Implementation of a Permutation Test Framework for the commercial software BrainVoyager*
| Link

Supervisor Prof. Roberto Tagliaferri, Prof. Fabrizio Esposito, Prof. Rainer Goebel

Sep. 2013 **First level Master**, *Università degli Studi di Salerno*, Project “Messaggeri della conoscenza 2013” “Data Mining for natural disasters”, Grade: A.

Characterising fields:

- Classification and clustering.
- Geographical big data.

Sep. 2011 **Bachelor Degree in Computer Science**, *Università degli studi di Salerno*, Grade: 110 cum laude out of
Mar. 2014 110.

Characterising fields:

- Algorithms and Data structures.
- Object Oriented Programming.
- Software Engineering.

Experiences

Work

Jul. 2018 **Deep Learning Software Engineer**, INTEL, Leixlip.

In progress. Working as a member of the NCE (Neural Compute Engine) software optimizer team.

Oct. 2017 **Computer Vision Software Engineer**, INTEL, Leixlip.

Jul. 2018. Worked as a member of the Stereo Vision Team.

Mar. 2017 **Erasmus Traineeship**, BRAIN INNOVATION, Maastricht.

Aug. 2017 Implementation of permutation inference for the General Linear Model in BrainVoyager | Code

Publications

Oct. 2016 **Discovering Small Target Sets in Social Networks: A Fast and Effective Algorithm** .
Cooperated with prof. Ugo Vaccaro et al. | [Link](#)

University Projects

Mar. 2016 **Spider robots: Remote Control and Computer Vision..**

Jun. 2016 Planning, construction and programming of two spider robots using STM32 microcontrollers and ChibiOS.
[Code](#) | [Demo](#)

Other

since 2011 **Private Lessons, Programming Languages and Web Development**, Salerno.
Made some private lessons to high school's students with excellent results.

Technical Skills

Preferred areas Back-end development on UNIX platforms, low level programming. Deep Learning.

Preferred languages C, C++(Std14), Python (2 & 3), MATLAB.

Preferred frameworks Qt, Open MPI, OpenCV, PyTorch, TensorFlow.

Preferred dev. tools QtCreator, Vim, MATLAB, CMake, Git.

Communication Skills

Personality I'm a work enthusiast, and usually very passionate about what I do. I'm always looking for new challenges to overcome.

Teamwork I really enjoy to work with other people, share opinions and views. I also played semi-professional volleyball (C league) during my 5 years of college, so I'm used to think and work as a part of a team.

Languages

Italian Mother tongue

English Self evaluation according to CEFR

- Understanding: C1

- Speaking: C1

- Writing: B2

Spanish Basic (Currently learning)

Interests

- Tennis.

- Videogames.

- Rock/Metal music.

- Books.

- Comics.

- Bakery.

I authorize the handling of my personal data pursuant to the Personal Data Protection Code Italian Leg. Dec. n. 196/2003.

Marco Mecchia