

MARCO POSTIGLIONE

COMPUTER ENGINEER

 04/01/1996  postiglionemarco1@gmail.com
 linkedin.com/in/marco-postiglione-69b441133

 (+39) 392 874 8881

 Naples, Italy



EDUCATION

Master of Science in Computer Engineering

Expected vote: 110/110 cum laude (average: 29.8)

 September 2017 – January 2020  Federico II, Naples

Thesis

CASTLE: Cluster-Aided Space Transformation for Local Explanations

Definition, implementation and analysis of a novel XAI (eXplainable Artificial Intelligence) methodology.

Supervisor: Antonio Picariello

Main courses

- *Data Mining* - in-depth study of machine learning and deep learning approaches to the extraction of implicit, previously unknown, and potentially useful information from data.
Frameworks: Weka, Knime, Python libraries
- *Image Processing for Computer Vision* - introduction to model-based and data-driven (deep learning) approaches to solve Computer Vision problems. The majority of the course consists in studying and exploiting state-of-the-art deep learning solutions to solve semantic and instance-based segmentation problems.
Frameworks: Matlab, Keras, Tensorflow
- *Big Data Analytics & Business Intelligence* - in-depth study of the major architectures and environments designed to get their parallelism not from a supercomputer but from computing clusters.
Frameworks: Hadoop, Spark, Pig, Hive, NoSQL databases
- *Elaboration systems & Workload Characterization* - the aim of the course is to make the student able to specify computer systems performance requirements, evaluate design alternatives, compare two or more systems, determine the optimal value of a parameter (system tuning), find the performance bottlenecks, characterize the load on the system.

Bachelor of Science in Computer Engineering

Vote: 110/110 cum laude (average: 28.6)

 September 2014 – September 2017  Federico II, Naples

Thesis

Big Data in Industry 4.0 (Supervisor Antonio Pescapè)

Main skills acquired

- Wide and proper knowledge in methodological aspects of math and basic sciences.
- Design and management of systems and infrastructures for representation and elaboration of information.
- Fundamentals of Software Engineering, Operative Systems, Electronics, Computer Networks, Databases, Artificial Intelligence, Multimedia Systems, Signal Processing, Dynamic Systems control.

EXPERIENCES

Tutor

Tutoring activities for Mathematical Analysis, Fundamentals of Physics and Computer Science courses in order to help first-year students to strengthen their study method

 2018 – 2020

 Federico II, Naples

LANGUAGES

Italian

Native speaker



English

Cambridge Advanced English
(Europass level C1)
ID: 196IT5885029



STRENGTHS

Analytical mindset Hard-working
Eye for detail Problem solving
Enthusiasm Team-working

Keras Tensorflow Python Matlab
Weka Knime Hadoop Spark
MapReduce Pig Hive
Data Analysis C++ Java

HOBBIES



Piano

I study classical music since 2011!



Bodybuilding

I love training my body working out and following a balanced diet