

# Gianvito Losapio

MASTER STUDENT IN COMPUTER SCIENCE

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*"The most intriguing aspect of artificial intelligence is human intelligence."*

## Research Interests

My greatest ambition is contributing to the efforts being made to understand how our brain works. I believe that the powerful alliance between machine learning and neuroscience may lead us toward a grand, unified theory of intelligence. What intrigues me the most are closed-loop neuromorphic systems able to learn as well as cognition models based on grid cells. I am also interested in the design of explainable and sustainable machine learning algorithms for more general applications.

## Education

### University of Genoa

M.S. IN COMPUTER SCIENCE (DATA SCIENCE AND ENGINEERING - ARTIFICIAL INTELLIGENCE)

Genoa, Italy

Oct. 2019 - Present

- Scholarship holder at Scuola Superiore IANUA

### Polytechnic University of Bari

B.S. IN COMPUTER SCIENCE AND AUTOMATION ENGINEERING

Bari, Italy

Oct. 2016 - Oct. 2019

- Thesis: *Deep learning and object detection techniques for the photo-identification of cetaceans*
- Final mark: 110/110 cum laude

## Training

### Laboratory for Computational and Statistical Learning (LCSL)

MASTER STUDENT

Genoa, Italy

Mar. 2020 - Present

- Studying machine learning methods applied to high energy physics
- Supervisor: Prof. Lorenzo Rosasco

### National Research Council of Italy (CNR)

INTERN

Bari, Italy

Apr. 2019 - Oct. 2019

- Worked on deep learning and computer vision algorithms for my Bachelor's thesis
- Supervisor: Vito Renò, PhD

## Publications

### Combined Color Semantics and Deep Learning for the Automatic Detection of Dolphin Dorsal Fins

2020 Renò, V.; Losapio, G.; Forenza, F.; Politi, T.; Stella, E.; Fanizza, C.; Hartman, K.; Carlucci, R.; Dimauro, G.; Maglietta, R. · *Electronics* 2020, 9, 758

## Competitions

2019 Innovation Team Award, *Diving Into the electricity market* hackathon, hosted at C1A0 artificial intelligence exposition (sponsored by Avanade Italy)

Genoa, Italy

## Skills

### Programming

Advanced: Matlab, Python | Moderate: LaTeX, Java

### Languages

Italian, native speaker | English, Cambridge B2 certificate