

GIACOMO CAMPOSAMPIERO

MSc. Computer Science

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EDUCATION

- 2021 – ongoing **Master in Computer Science** ETH Zürich, CH
Major in Machine Intelligence - with a particular focus on Natural Language Processing - and Minor in Data Management. Core courses that I took in my first semester include Advanced Machine Learning, Algorithms Lab, Natural Language Processing and Big Data.
- 2018 – 2021 **Bachelor in Computer Engineering** Università degli Studi di Padova, IT
Engineering studies with a particular focus on Computer Science, Electronics, Math and Physics. Graduated with a final grade of 110/110 *cum laude*. Winner of two grants for academic merit from University of Padova and INPS (academic year 2020/2021).

EXTRA-CURRICULAR

- 2016 – 2018 **Student representative** Università degli Studi di Padova, IT
2020 – 2021 Elected school student representative for two mandates in high school and for one mandate during my bachelor. During these experiences I had the possibility to strengthen a wide range of soft skills, such as leadership, communication, mediation and teamwork.
- Sept 2018 **Volunteer** Orizzonti Cooperativa sociale, IT
– Dec 2018 Volunteered for the social cooperative Orizzonti, involved in refugees social inclusion and intercultural mediation. More specifically, I helped the cooperative in teaching the practical use of basic technologies (like emails, web browsers, etc.) applied to the labor market.
- 2016–2018 **Exchange student**
Winner of a scholarship for school merit funded by the Italian Institute for Social Security for three years in a row. Thanks to these scholarships I had the opportunity to improve my English proficiency with language study trips in London (UK), Edinburgh (UK) and New York (USA).

EXPERIENCE

- Mar 2021 **Study room supervisor** Università degli Studi di Padova
– Jun 2021 200-hours collaboration with the university.
- Aug 2020 **Research assistant** Università degli Studi di Padova, Italy
– Dec 2020 Worked with a research team in the development and deployment of deep neural models - in particular recurrent neural networks - for real-time biological events detection.
- May 2017 **Software Developer Intern - Erasmus+ Program** Activity Port, Ireland
– June 2017 International Erasmus+ internship at Activity Port, a small business which managed a booking portal for leisure activities. The selection of candidates was based on their school profit. During the stage I was assigned to the maintenance of the business website.
- May 2016 **Software Developer Intern** Sonepar Italia Spa, Italy
– June 2016 Internship at the IT office of Sonepar Italia, leading business in electric materials distribution in Italy. During the internship I helped the IT staff in the maintenance of the company information systems.

PROJECTS

SemEval-2020 Task 11: Experiments on a Novel Approach for the Detection of Propaganda Techniques in News Articles. Group project for NLP course at ETHZ, where we investigated a new method for propaganda detection and classification in news articles using pre-trained language models like BERT and RoBERTa.

Advance Machine Learning project. Group project for Advanced Machine Learning course at ETHZ, ranked in average within the top 20% of participants. The project included a regression, a classification and an image segmentation task.

SKILLS AND KNOWLEDGE

Classics – Python, Java, C++, MATLAB, Bash, L^AT_EX
Data Management – SQL, MapReduce, Apache Spark, Hadoop, MongoDB, Neo4j, Pandas
Machine Learning, Deep Learning and NLP – scikit-learn, PyTorch, TensorFlow, AllenNLP

LANGUAGES

Italian - native
English - fluent

HOBBIES

I love swimming, hiking and playing football. I am highly interested in environmental issues and I play two instruments, the guitar and the violin.

INTERESTS

NLP, Machine Learning, Deep Learning