NICOLÓ PENZO

AI, DL AND NLP ENTHUSIAST

Details

ℹ️ October 29th, 1998

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Profile

Currently Master Student in Computer Engineering with focus on AI-related fields. I enjoy working in Machine/Deep Learning applications and I am particular enthusiast in Natural Language Processing, especially in social applications. I love dealing also with ethical questions in AI.

Knowledge

C, C++, Java, Python, Jupyter Notebook,Matlab, PyTorch, Tensorflow/Keras, Hugging Face, OpenCV, Apache Spark, ROS, Github, Latex.

Abilities

- Public Speaking
- Team Working and Project Planning
- Versatility and Adaptability

Languages

Italian: Native
English: Work/Studies
French: Basic Level

Education

2020 - 2022	MASTER'S DEGREE Computer Engineering, curriculum AI and Robotics	University of Padua - Padua, IT
2017 - 2020	BACHELOR'S DEGREE Information Engineering	University of Padua - Padua, IT 110/110 cum laude
2012 - 2017	SCIENTIFIC HIGH SCHOOL DIPLOMA	Liceo "N. Tron" - Schio, IT 100/100 cum laude

Awards

2022	"LE MILLE E UNA LODE" SCOLARSHIP Scolarship released to the top 3% students of each degree course	University of Padua
2020	"LE MILLE E UNA LODE" SCOLARSHIP Scolarship released to the top 3% students of each degree course	University of Padua
2019	"LE MILLE E UNA LODE" SCOLARSHIP Scolarship released to the top 3% students of each degree course	University of Padua

Professional Experience

2022	RESEARCH TRAINING Research activity supervised by highly experienced professors (results will be published in the Master Thesis)	University of Padua
2021 - 2022	TEACHING ASSISTANT Teaching Assistant for the classes of "Laboratory Programming", "Artificial Intelligence" (BSc Computer Engineering) and "Big Data Computing" (MSc Computer Engineering)	University of Padua
2019-2021	STUDENT TUTOR Assistantship for new students at the University of Padua, through a cycle of meetings with open participation	University of Padua

More about me

Thanks to my Bachelor studies I have learned solid foundations in the key sectors of Information Engineering (Automation, Electronics, IT, Telecommunications), especially in signal analysis, data analysis, algorithm design and programming. However, I always have been attracted by the field of Artificial Intelligence, passion that I have followed during my Master Studies.

Here I have acquired a deep knowledge in a wide range of AI-related fields: Machine/Deep Learning, Operation Research, Neurorobotics and Intelligent Robotics, Big Data, Computer Vision, Natural Language Processing and advanced tools applied to Networks.

The context that fascinates me most of all is the research and development of intelligent systems able to contrast the diffusion and the effects of toxic contents/discussion on communities in Social Networks, preventing the polarization of people and favouring a debate which can act as a shield. Indeed, I am currently developing my Research Training activity in this field of study, with a particular interest for the NLP solutions.