Letizia Pizzini

Born on September 11th, 1997

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Current Situation

PhD Student at the University of Turin in Complex Systems
for Quantitative Biomedicine Nov 2021-Present

My PhD project is focused on the application of Topic Modelling to analyze spatial transcriptomic dataset from several tissues and organs (like mouse olfactory epithelium and brain). The project is supervised in collaboration with the lab Dr A. Scialdone (Helmholtz Zentrum Muenchen).

Associate and member of Machine Learning Journal Club - MedicAI division Feb 2021-Present

The association activity is concerned with research in the field of machine learning and its multiple applications in various areas. My current role is as responsable and coordinator of the "Neurofeedback Project", inserted in the research context of Brain Computer Interfaces.

Education

University of Turin, Department of Physics 2019 - 2021

Master's Degree in Physics of Complex Systems.
Thesis: "A Topic Model Analysis of Allen Human Brain Atlas"
Grade: 110/110 cum laude and honorable mention

University of Turin, Department of Physics 2016 - 2019

Bachelor's Degree in Physics.
Thesis: "Study of Acceleration and Radiation of Relativistic Particles in Jets from Active Galactic Nuclei"
Grade: 108/110

Liceo Scientifico Galileo Galilei, Cirié (TO) 2011 - 2016

Scientific high school diploma.
Grade: 100/100

Other Training

- BCI and Neurotechnology Spring School, g.tec medical engineering GmbH, Austria - Apr 2021
- Python Data Structures, University of Michigan - Nov 2020.
- Programming for Everybody (Getting started with Python), University of Michigan - Nov 2020.
- AI Week Online, Tel Aviv University - Oct 2020

Award and Prize

2nd place winner Neurohackathor 2021, Nicolaus Copernicus University, Toruń, Poland - May 2021

Technical Skills

- Python, C++, Microsoft Word/ Excel/ PowerPoint, LaTex, WordPress, Joomla, Canva
- Operating Systems: LINUX,Windows

Language Skills

- Italian: native speaker
- English: very good / B2
- French: basic

Soft Skills

Problem-solving, Teamwork abilities, Adaptability, Organization and Planning