Lorenzo Tausani

I am a neuroscientist with a interdisciplinary background (neuroscience, psychology, computer science, statistics). Interested in behavioral, cognitive and computational neuroscience questions.

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📍 Trieste - Italy

in linkedin

JOB EXPERIENCE

01/10/2023
ongoing
Trieste-Italy

SISSA, Visual neuroscience lab (link)
Ph.D. student (2nd year)
Job description:
Vision neurophysiology, Deep learning
Supervisor: Davide Zoccolan, PhD
Work presented at 2024 INCN conference

01/10/2022
01/10/2023
Padova-Italy

University of Padova, Lodovichi lab (link)
Graduate research fellow
Job description:
Vision neurophysiology
Supervisor: Claudia Lodovichi, PhD

18/02/2022
30/09/2022
Padova-Italy

University of Padova, Computational Cognitive Neuroscience lab (link)
Master thesis
Internship description:
Study of generativity in Restricted Boltzmann machines
Supervisors: Alberto Testolin, PhD; Marco Zorzi, PhD
This work was published here, and successive work here.

01/10/2018
28/02/2021
Genova-Italy

Italian institute of technology (IIT) – Optical approaches to brain function lab (link)
Master thesis (10/2018 – 02/2020) – Graduate research fellow (03/2020 – 02/2021)
Job description:
Research in Behavioral Neuroscience – Psychophysics on domestic mouse (*Mus Musculus*) whisker system
Supervisor: Tommaso Fellin, PhD

01/02/2017
31/05/2017
Padova-Italy

University of Padova, Animal Behaviour and Cognition lab (link)
Bachelor thesis
Internship description:
Study of problem solving (foraging innovation) in the teleost fish *Poecilia Reticulata*

SOFTWARE

Microsoft office	●●●●○
Python	●●●●●
Matlab	●●●●○
R	●●●○○

EDUCATION

August 2024
Brains, Minds & Machines Summer Course (link)
MIT, Center for Brains, Minds, and Machines

2020 - 2022
Msc Data Science – Machine learning (link)
University of Padova, Dept. Of Mathematics
110/110 with honors, GPA: 28.80/30

2017 - 2020
Msc Cognitive Science – Cognitive Neuroscience (link)
University of Trento, Center for Mind-Brain sciences
110/110 with honors, GPA: 28.92/30

2014 - 2017
Bsc in Psychobiology and Cognitive Psychology (link)
University of Padova, Dept. Of General Psychology
110/110 with honors, GPA: 28.73/30
Erasmus at Radbound University (NL), 09/2016-01/2017

LANGUAGES

Italian : Mother tongue

English : Proficient

Spanish : Basic

JOB SKILLS

- Data analysis and computational modeling with a focus on deep learning (proficient)
- Electrophysiology (proficient)
- Optogenetics and calcium imaging (intermediate)
- Behavior on animal models (proficient)
- Scientific communication (proficient)

PERSONAL INTERESTS

- I am extremely passioned of Paleontology, History and Philosophy
- I am also an amateur actor in a local acting company
- In my free time i love running and biking