

Diego Calanzone

Graduate AI student and researcher in Deep Learning. Computer scientist.
diego.calanzone@studenti.unitn.it | [halixness.github.io](https://github.com/halixness) | [in/diegocalanzone](https://in.diegocalanzone)

EDUCATION

University of Trento

M.Sc. Artificial Intelligence Systems | Current GPA: 30/30

Trento, Italy

Sept. 2022 - Present

University of Leeds

B.Sc. Computer Science | Erasmus+ Exchange | Final grade: 1° (first)

Leeds, UK

Sept. 2019 – Jun. 2020

University of Parma

B.Sc. in Computer Science | Final grade: 110/110 (top 2%)

Parma, Italy

Sept. 2018 – Sept. 2021

Mediterranean Machine Learning Summer School (2024, 2023)

Hosted by Google DeepMind. Acceptance rate: ~ 20%.

Thessaloniki, Greece

Sept. 2024, Aug. 2023

The Cornell, Maryland, Max Planck Pre-doctoral Research School 2023

Hosted by Max Planck Institute for Software Systems. Acceptance rate: ~ 10%.

Saarbrücken, Germany

Aug. 2023

RESEARCH

Towards Logically Consistent Language Models via Probabilistic Reasoning

D. Calanzone, A. Vergari, S. Teso

May. 2024

- **Workshop paper.** ICLR 2024 Workshop on Reliable and Responsible Foundation Models.

Acquiring Complex Concepts with Comparative Learning

D. Calanzone, F. Merlo, R. Bernardi

Apr. 2024

- **Workshop paper.** CORE Project 2024 Workshop at Universitat Pompeu Fabra.

An open source perspective on AI and alignment with the EU AI Act

D. Calanzone, A. Coppari, R. Tedoldi, G. Olivato, C. Casonato

Aug. 2023

- **Workshop paper.** + oral at IJCAI 2023 AISafety, SafetyRL Workshop. ([preprint](#))

PROFESSIONAL EXPERIENCE

Research Intern | MILA Quebec AI Institute

May 2024 - Present

- Machine learning methods in Biology. Reinforcement Learning on sequence models for molecule generation.

Co-founder | Campo Digitale S.r.l.

Mar. 2020 – Dec. 2021

- Slow food e-commerce, group purchasing organization. ERP development, backend engineering.
- **Awards:** Hack4Italy (now “The Global Hack”) 2020 Winners, Officine Italia Winners.

Freelance Software Engineer | EDEMPG Comunicazione S.r.l.

Feb. 2018 - Feb. 2021

- Coordinated the software development team. Developed custom softwares for HR, CMS, newsletter marketing. Social media analysis (instagram, facebook) and data collection for ads. Server administrator.

Programming skills:

- *Frontend development:* Type/Javascript, Swift, Vue, CSS
- *Backend development:* Type/Javascript, PHP, C, C++, E2E testing, Unit testing, SCRUM, AGILE
- *Scientific computing:* Python, Matlab, JAX, PyTorch, Scipy, Sci-kit Learn, NLTK, Pandas, Matplotlib

FUNDING & AWARDS

University of Trento, Opera Universitaria : scholarship recipient

2022, 2023, 2024

University of Parma, ER-GO : scholarship recipient

2019, 2020, 2021

Erasmus+, Italian Ministry of Education (MIUR) : full year exchange scholarship

2019

Federazione Nazionale dei Cavalieri del Lavoro : scholarship and excellence award

2018

SERVICE & COMMUNITY

Tutor, Volunteer | *Mediterranean Machine Learning School*

Sept. 2023 – Present

Mentee | *LeadTheFuture*

Oct. 2021 – Present

- Among the few Italian students selected to be mentees for LeadTheFuture, a leading mentorship non-profit organization for students in STEM, with acceptance rate below 20%.

Students representative | *Computer Science Council, University of Parma, Italy*

May 2019 – May 2021

Volunteer | *Italian Association for Machine Learning*

Jan. 2020 – Jan. 2021