

Diego Calanzone

Researcher in Deep Learning. Computer scientist.
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EDUCATION

MILA / Université de Montréal <i>Ph.D. in Computer Science Supervisor: Pierre-Luc Bacon</i>	Montréal, Quebec 2025 - Present
University of Trento <i>M.Sc. Artificial Intelligence Systems Grade: 100/100 (with honours and maximum grades)</i>	Trento, Italy 2022 - 2025
University of Leeds <i>B.Sc. Computer Science Erasmus+ Exchange Grade: 1° (first)</i>	Leeds, UK 2019 - 2020
University of Parma <i>B.Sc. in Computer Science Grade: 110/110 (top 2%)</i>	Parma, Italy 2018 - 2021

Mediterranean Machine Learning Summer School (2024, 2023) <i>Hosted by Google DeepMind. Acceptance rate: ~ 20%.</i>	Italy, Greece Sept. 2024, Aug. 2023
The Cornell, Maryland, Max Planck Pre-doctoral Research School (2023) <i>Hosted by Max Planck Institute for Software Systems. Acceptance rate: ~ 10%.</i>	Saarbrücken, Germany Aug. 2023

PROFESSIONAL EXPERIENCE

Research Intern <i>MILA Quebec AI Institute</i> • Methods in Reinforcement Learning from Human Feedback applied for drug discovery.	May 2024 - March 2025
Co-founder <i>Campo Digitale S.r.l.</i> • Slow food e-commerce, group purchasing organization. ERP development, backend engineering. • Awards: Hack4Italy (now “The Global Hack”) 2020 Winners, Officine Italia Winners.	Mar. 2020 – Dec. 2021
Freelance Software Engineer <i>EDEMPG Comunicazione S.r.l.</i> • 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.	Feb. 2018 - Feb. 2021

PUBLICATIONS

Mol-MoE: Training Preference-Guided Routers for Molecule Generation <i>D. Calanzone, P. D’Oro, P.L. Bacon</i> • ICLR 2025 Workshop on Generative and Experimental Perspectives for Biomolecular Design	Feb. 2024
Logically Consistent Language Models via Neuro-Symbolic Integration <i>D. Calanzone, A. Vergari, S. Teso</i> • NeurIPS 2024 Workshop on System 2 Reasoning at scale.	Sept. 2024
Towards Logically Consistent Language Models via Probabilistic Reasoning <i>D. Calanzone, A. Vergari, S. Teso</i> • ICLR 2024 Workshop on Reliable and Responsible Foundation Models.	May. 2024
An open source perspective on AI and alignment with the EU AI Act <i>D. Calanzone, A. Coppari, R. Tedoldi, G. Olivato, C. Casonato</i> • IJCAI 2023 Workshop in AISafety, SafetyRL.	Aug. 2023

PRESENTATIONS

- Acquiring Complex Concepts with Comparative Learning** Apr. 2024
D. Calanzone, F. Merlo, R. Bernardi
 - **Project** presented at CORE 2024 Workshop at Universitat Pompeu Fabra.
- An open source perspective on AI and alignment with the EU AI Act** Aug. 2023
D. Calanzone, A. Coppari, R. Tedoldi, G. Olivato, C. Casonato
 - **Oral presentation** at IJCAI 2023 AISafety, SafetyRL Workshop.
- Learning Transferable Visual Models From Natural Language Supervision** Nov. 2021
D. Calanzone
 - Language grounding. "Learning with limited labeled data" seminar, University of Tuebingen ([github](#)).
- From CNNs to Transformers** Feb. 2021
D. Calanzone, N. Zanichelli
 - Presentation on vision benchmarks for CNNs and Vision Transformers, presented at the Italian Association for ML.

SERVICE & COMMUNITY

- Volunteer** | *Mediterranean Machine Learning School* Sept. 2023 – Present
 - Organizer of reading groups, meetups, talks; manager of the community Discord channel.
- 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%.
- Tutor** | *Mediterranean Machine Learning School* Sept. 2024
 - Creator and tutor for the Reinforcement Learning Lab Tutorial ([github](#))
- Students representative** | *Computer Science Council, University of Parma, Italy* May 2019 – May 2021
- Volunteer** | *Italian Association for Machine Learning* Jan. 2020 – Jan. 2021

FUNDING & AWARDS

- Université de Montréal** : merit scholarship 2025
- University of Trento, Opera Universitaria** : study scholarship 2022, 2023, 2024
- University of Parma, ER-GO** : study scholarship 2019, 2020, 2021
- Erasmus+, Italian Ministry of Education (MIUR)** : full year exchange scholarship 2019
- Federazione Nazionale dei Cavalieri del Lavoro** : study scholarship and excellence award 2018