

LORENZO LOCONTE

Curriculum Vitae – February 2024

PERSONAL INFORMATION

Family name, forename	Loconte, Lorenzo		Personal website
Date of birth	19/10/1998		GitHub profile
Nationality	Italian		Twitter/X profile
E-mail	l.loconte@sms.ed.ac.uk		Linkedin profile

EDUCATION

2023 – today	PhD at the Institute for Adaptive and Neural Computation (IANC) University of Edinburgh, UK Topics: tractable probabilistic models, generative models, neurosymbolic AI Advised by Dr. Antonio Vergari and Dr. Iain Murray
2020 – 2022	Master Degree in Computer Science and Artificial Intelligence University of Bari Aldo Moro, Italy 110/110 cum Laude and Honorable Mention Thesis: Tractable Statistical Relational Learning with Probabilistic Circuits
2017 – 2020	Bachelor Degree in Computer Science University of Bari Aldo Moro, Italy 110/110 cum Laude and Honorable Mention Thesis: Sum-Product Networks and Normalizing Flows for Density Estimation

FEATURED PUBLICATIONS


For a complete list refer to the [Semantic Scholar profile](#).

ICLR 2024	L. Loconte , A. M. Sladek, S. Mengel, M. Trapp, A. Solin, N. Gillis, A. Vergari Subtractive Mixture Models via Squaring: Representation and Learning Spotlight (top 5%)
NeurIPS 2023	L. Loconte , N. Di Mauro, R. Peharz, A. Vergari How to Turn Your Knowledge Graph Embeddings into Generative Models Oral (top 0.6%)

SKILLS

Programming languages	Python, C/C++, Haskell, Java, Prolog, LaTeX
Software libraries	NumPy, SciPy, Scikit-Learn, PyTorch, Tensorflow 2.x, Keras, PyMC3
Languages	Italian, English (C1, IELTS academic)

SOFTWARE PROJECTS

2021 – 2023	 DEEPROB-KIT : a Python library for deep probabilistic modeling. Open source library that provides efficient, robust and comprehensible implementations of deep probabilistic models in Python using PyTorch.
-------------	---