Michele De Vita

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EDUCATION

University of Florence **Florence**
Master's Degree in Data Science **10/2017-10/2022**
- Final grade: 110 cum laude/110
- Courses: Deep Learning, Machine Learning, Statistical modeling, Bayesian Inference, Parallel computing

DTU **Copenhagen**
Erasmus Master's Thesis **09/2021-03/2022**
- Master Thesis on Unsupervised Object Centric representations supervised by Ole Winther.
- Published a paper based on Master's Thesis work
- Thesis link

Carlos III **Madrid**
Erasmus Semester **02/2019-08/2019**
- Passed Security Engineering (English course) and UX Design (Spanish course)
- Learned Spanish from zero on-site

University of Florence **Florence**
Bachelor's Degree in Computer Science **09/2013-07/2017**
- Internship for bachelor's thesis in Indoor positioning using smartphone magnetometer

PUBLICATIONS

Generalization and Robustness Implications in Object-Centric Learning **ICML 2022**
ICML (ISSN: 5221-5285) Vol 162, 2022

EXPERIENCE

Freelance **Online**
Teacher **09/2017-now**
- Held Machine Learning courses for three big Italian companies managers: Poste Italiane, Alfamotion and BeeVoip
- Taught Data Science and Deep Learning to over 50 workers and students
- Mentoring website page (automatically English translated)

Prediba **Copenhagen**
Co-founder and CTO **2019-2020**
- Prediba is a start-up that offers predictive maintenance to manufacturing companies using AI
- Responsible to communicate to investors and partners our solution
- Managed two freelance software developers

University of Florence **Florence**
App Developer **02/2017 - 09/2017**
- Main developer of the official app for SIS, an annual Italian conference of statistics.
- Used web framework with Ionic to develop the app for Android and iOS

Awards
- #366 at Google Hash Code coding competition - link

SKILLS

Hard skills
- **Programming** - Python, C++, Java
- **Deep Learning** - Generative models, Transformers, Disentanglement, PyTorch, Tensorflow, VAE, DDPM
- **Web Client Development** - Javascript, Angular, HTML, CSS
- **System and tools** - Docker, Linux, Git, Continuous Integration, SSH

General
- **Language Skills** - Italian as mother tongue, fluent English, basic Spanish