

Education

University of Fribourg, eXascale Infolab

Fribourg, Switzerland

PH.D. IN COMPUTER SCIENCE

Sep. 2025 – Present

- Doctoral research on **Extreme Multi-Label Classification (XMLC)** and **taxonomy-aware learning**, supervised by Prof. Philippe Cudré-Mauroux and Julien Audiffren.

Politecnico di Milano

Milan, Italy

MSC IN COMPUTER SCIENCE AND ENGINEERING - ARTIFICIAL INTELLIGENCE

September 2022 - July 2025

- Final grade: 110/110
- AI - Study Plan involving Machine Learning, Deep Learning, Computer Vision, Game Theory, NoSQL and Streaming Data systems

Technical University of Munich

Munich, Germany

ERASMUS SEMESTER

April. 2024 - August. 2024

- Courses followed: Machine Learning for 3D Geometry, Parallel Programming, Natural Language Processing Seminar course, Security Engineering

Università degli studi di Siena

Siena, Italy

BSC IN COMPUTER SCIENCE AND ENGINEERING

September. 2019 - October. 2022

- Final grade: 110/110 with honors
- Named best graduate of the 2021-2022 academic year.

Projects

MSc thesis: Multimodal Deep Learning for Cancer Grading

[Github Repo](#)

PYTORCH, NUMPY, DEEPLARNING, PANDAS

- **Research project** @NECSTLab Politecnico di Milano for my MSc Thesis on multimodal learning over histopathology WSI and CT imaging data for cancer grading. (accepted paper at WACV 2026)

Deep Learning course's competition - Team project

[Github Repo](#)

PYTHON, TENSORFLOW, KERAS, PANDAS, NUMPY

- Secured **2nd place** in a Deep Learning competition (Artificial Neural Networks course) for binary image classification of vertical farm leaves. Achieved **90% accuracy** among 500 participants. Recognized in a [LinkedIn post](#) by Polimi AIRLab.

Shape Generation & Completion Through Point-Voxel Diffusion (Modified)

[Github Repo](#)

PYTHON, PYTORCH

- Course project for "Machine Learning for 3D Geometry" at TUM, modifying the original paper to: (1) enable shape completion from RGB images, (2) incorporate text-conditional generation, and (3) allow text-driven part editing. .

Extracurricular

Leonardo/NECSTCamp student

Milan, Italy

NECSTLAB

Sep. 2023 - Now

Multidisciplinary program powered by NECSTLab @ DEIB Politecnico di Milano, involving a research project for my Master's Thesis in multimodal Deep Learning for biomedical imaging and horizontal courses for soft skills (public speaking, creativity, stress-management, entrepreneurship, employability)

Hackathons

St.Gallen, Switzerland - Munich, Germany

STARHACK AND HACKATUM

March 2024 - November 2024

Secured **third place** at HackaTUM with a project about automatic scraping, aggregation, selection and generation of news articles. [Devpost article](#)

AI4Sustainability Summer School

Milan, Italy

SUMMERSCHOOL ORGANIZED BY EIT DIGITAL IN COLLABORATION WITH HUAWEI

Sep. 2024

Skills and Languages

Languages English: B2 Cambridge English First Certificate, Italian: Native

Skills PyTorch, TensorFlow, Python, C, C++, Java, Machine Learning, Deep Learning, Data Mining

I hereby consent to the processing of this CV and the personal data contained within, by anyone who receives this document for the sole purpose of considering my application for employment opportunities, in accordance with Article 6.1(a) of GDPR (EU) 2016/679.