

Refik Can MALLI

📍 Milan, Italy

🌐 rcmalli

in refikcanmalli

🔍 Google Scholar

📁 Professional Experience

Deep Learning Data Scientist

06/2021 – present

Orobix [🔗](#)

Implemented supervised and self-supervised models for classification and segmentation vision tasks (AI-go [🔗](#)).
Designed and improved training, tracking, monitoring, and inferencing pipelines for machine learning models.

Deep Learning Research Intern

11/2020 – 05/2021

Polimi Artificial Intelligence and Robotics Laboratory [🔗](#)

Developed and trained meta-learning algorithms using multiple GPUs using *Pytorch* framework. Designed efficient tracking and configuration system for managing projects.

🎓 Education

Master of Science, Computer Science and Engineering

02/2017 – 10/2020

Politecnico di Milano [🔗](#)

Related Coursework: Machine Learning, Deep Learning Applications, Data and Text Mining, Image Processing and Computer Vision, Recommender Systems, Robotics, Biomedical Image and Signal Processing

Bachelor of Science, Electronics and Communication Engineering

09/2012 – 06/2016

Istanbul Technical University [🔗](#)

Related Coursework: Digital Signal Processing, Artificial Neural Networks, Biomedical Signals, Remote Sensing

📁 Projects

Robustness of Deep Neural Networks via Meta Learning and Feature Visualization (Master's Thesis)

04/2019 – 07/2020

Examined adversarial attacks against neural networks. Examined defense methods against adversarial images. Compared the robust and non-robust machine learning models and their vulnerabilities.

Age and Gender Analysis from Facial Images (Bachelor's Thesis)

10/2015 – 06/2016

Implemented deep learning models which estimate age and gender attributes from face images. Developed edge inference Android applications powered by deep learning and computer vision. Published and presented a research paper [🔗](#) in *CVPRW'16* [🔗](#).

NASA CanSat Competition [🔗](#)

11/2014 – 06/2015

Designed and developed flight software for can-sized satellites. Implemented a 2.4 GHz fault-tolerant communication protocol.

📄 Certificates

TensorFlow Developer Specialization [🔗](#)

(DeepLearning.AI)

Quantum Computing and Quantum Machine Learning

[🔗](#)

(Politecnico di Milano)

Deep Learning Specialization [🔗](#) *(DeepLearning.AI)*

💡 Skills

Programming *(Python, Java, Matlab, C)*

Machine Learning *(Pytorch, Tensorflow, Keras, Pandas, MLflow, PytorchLightning, Jax, Hydra-core)*

DevOps *(Azure ML, AWS, Docker, Google Cloud)*