Refik Can MALLI

📍 Milan, Italy
✉ refikcan.malli@mail.polimi.it
⌗ rcmalli
in refikcanmalli
📅 26/05/1993
↖ Google Scholar

🎓 Education

Master of Science, Computer Science and Engineering 02/2017 – 10/2020 │ Milan, Italy
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, Turkey
Istanbul Technical University
  Related Coursework: Digital Signal Processing, Artificial Neural Networks, Biomedical Signals, Remote Sensing

💼 Professional Experience

Deep Learning Research Intern 11/2020 – 05/2021 │ Milan, Italy
Polimi Artificial Intelligence and Robotics Laboratory
  Developed deep learning projects using *Pytorch*. Trained meta-learning algorithms using multiple GPUs and designed efficient tracking and configuration system for managing projects.

Android Developer Intern 08/2015 – 09/2015 │ Istanbul, Turkey
Turkcell Technology
  Accelerated loading screen of Mobile application. Refactored and optimized Rest client. Developed lightweight screen widgets for Android applications.

🗀 Projects

Robustness of Deep Neural Networks via Meta Learning and Feature Visualization 04/2019 – 07/2020
Master's Thesis
  Examined adversarial attacks against neural networks. Designed and tested defense methods against adversarial images. Compared the robust and non-robust machine learning models and their vulnerabilities.

Age and Gender Analysis from Facial Images 10/2015 – 06/2016
Bachelor's Thesis
  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 reseach 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 *(Tensorflow, Pytorch, Keras, Pandas, MLflow, PytorchLightning, Jax)*

DevOps *(AWS, Docker, Kubernetes, Google Cloud, Kubernetes, Kubeflow)*