Daniele Pace

CONTACT ME AT:

email - danielekpace@gmail.com

portfolio - www.danielepace.tech

www.linkedin.com/in/daniele-k-pace/

Hiking, Climbing, Cinema, Reading, Space ...

Interested in the connection between AI and art

There's no such thing as a "tech person" in the age of AI

WORK EXPERIENCE

Full-Time, January 2021 - present
Information Technology Developer at **Manteia**

Working on projects related to NLP (semantic and machine learning analysis).

Building of a **microservices** architecture **pipeline** for data ingestion and machine learning analysis, using RabbitMQ for queues, Temporal for workflow management, Docker and Kubernetes for microservices orchestration and encapsulation.

EDUCATION

Politecnico di Torino

Master of Science in Computer Engineering, Data Science
Turin, Italy. September 2018 - July 2021

Core subjects: Data Science, Network and Distributed Programming, Software Engineering
Final Grade: 110/110

Aalto University

Master Thesis
Exchange studies in Computer Science department
Helsinki, Finland. September 2019 - Present

Thesis Topic: *Nonlinear climbing video indexing*
Thesis Advisor: Jaakko Lehtinen (Nvidia)
Core subjects: *Artificial Intelligence, Computer Vision, Deep Learning*
Course grade average: 4.83/5

Politecnico di Torino

Bachelor of Science in Media Engineering
Turin, Italy. September 2015 - September 2018

Core subjects: Image and Video processing, Computer Network, Interactive Media
Final Grade: 106/110

RELEVANT PROJECTS

- few shot learning model and real-time demonstration in browser using JavaScript (my porfolio)
- android app development in team (github)
- unified pipeline for documents data ingestion (scraper, normalizer, ocr, weak document classification), and machine learning pipeline (document classification), i.e. unsupervised cluster combined with different ML models.
- client server, we-based application for nonlinear video retrieving and exploration exploiting Human Pose Estimation (final master thesis)