



ALBERTO FERRARIN

Computer Scientist / ML engineer

PROGRAMMING LANGUAGES

Python Java C Typescript

Dart

OPERATING SYSTEMS

Windows

Linux

FRAMEWORKS

Angular

FastAPI

Flutter

OTHER

Docker

SQL

Git

Jupyter

LANGUAGES

Italian: **Native**

English: **B2**

EXPERIENCE

Research fellowship | Politecnico di Milano

06 2023 – 05 2024

Milan, Italy

- The research work is part of the European project I³LUNG.
- Data analysis and curation of a clinical dataset.
- Development of machine learning techniques to predict patient's response to immunotherapy.
- Presenter: Delivered presentation on the development of a clinical data collection platform at the Annual I³LUNG Meeting, 2023.

Data Scientist intern | ML cube

07 2022 – 05 2023

Milan, Italy

- Implementation of a distributed electronic data capture software to collect clinical data, as part of the I³LUNG project.
- Implementation of a platform to upload clinical images on Amazon AWS S3.
- Use of AWS for deployment and hosting of the platforms.
- Use of PostgreSQL database.

EDUCATION

Master degree in Computer Science and Engineering | Politecnico di Milano

09 2020 – 05 2023

Milan, Italy

- Score: 105/110

Bachelor's degree in Engineering of Computing Systems | Politecnico di Milano

09 2016 – 09 2020

Milan, Italy

- Score: 87/110

PUBLICATIONS

MetaLung: Towards a Secure Architecture for Lung Cancer Patient Care on the Metaverse |

06 2023