# Antonio **Ferrigno**

in LinkedIn | M ferrignoantonio00@gmail.com | ○ GitHub

## Skills

- Python | Hadoop | Spark | R | Java | BPMN | PostgreSQL | MongoDB | MySQL | SQLite | JavaScript | React | NodeJS | Bootstrap | HTML5 | CSS3 | PHP | Matlab | C | C++ | VHDL | PLC | Bash | ARM | Rust
- Artificial Intelligence | Machine Learning | Deep Learning | Statistics | Data Analysis
- Italian, English – *Professional proficiency*

## Experience

**Consultant C2**            **Iriscube Reply S.p.A.**        *Turin, TO, ITA*        **10/2025 - 11/2025**

- Spearheaded the backend development for a chatbot application, utilizing **Java**, **Spring**, and **Spring Boot** to construct a robust and scalable service architecture.
- Designed and implemented the management system for **REST** messages, optimizing the data flow between the user interface and server-side logic to ensure low-latency responses
- Operated as a **Level C2 Consultant**, translating functional requirements into technical specifications and delivering high-quality code within a consultancy environment.

**Software Engineer Trainee**            **Ericsson PLC**        *Pagani, SA, ITA*        **05/2022 - 07/2022**

- Analysis of various linear artificial intelligence and deep learning algorithms for predictions of cardiovascular diseases through measurements obtained with ECG extracts.
- Analysis and implementation of different studies and papers of covered thematics with the aid of medical experts in the cardiology field.  Main technologies and framework used were **Python, PyTorch**, **Tensorflow** and **Weights and Biases**.
- Part of the development of several E2E products, from identifying system requirements to workload balancing, software implementation, engineering, testing, and configuring metrics.

Report

## Education

**Master's Degree**            **Polytechnic of Turin**        *Turin, TO, ITA*  **09/2022 – 07/2025**

- Degree in Computer Engineering, Artificial Intelligence and Data Analytics path with votation of 102 / 110 (3.7/4.0 GPA)

Thesis Repo

**Bachelor's Degree**            **University of Salerno**        *Fisciano, SA, ITA*  **09/2019 - 09/2022**

- Degree in Computer Engineering with votation of 104 / 110 (3.7/4.0 GPA)

**High school Diploma**            **IIS Vico - De Vivo**        *Agropoli, SA, ITA*  **09/2014 - 07/2019**

- Graduation in administration, finance and marketing with votation of 100 with honors / 100 (4.0/4.0 GPA)

# Antonio **Ferrigno**

in LinkedIn | M ferrignoantonio00@gmail.com | ⊙ GitHub

## Projects

- **Dataset Analysis (02/2022)**
  Group project focused on data retrieval and cleansing for computer component performance scores.
  Key tasks involved conducting regression and descriptive analyses using **R.**

  Github Repo

- **Gender Identification using Machine Learning and Pattern Recognition (07/2023)**
  Group machine learning project on gender identification from face images embeddings, employing advanced techniques like PCA and SVM for high-accuracy classification.
  Achieved top performance through meticulous data analysis and model optimization with **Python.**

  Github Repo

- **Real time Domain Adaptation in Semantic Segmentation (02/2024)**
  Combination of STDC network with adversarial learning, group project with advanced real-time domain adaptation in semantic segmentation on GTA V and Cityscapes datasets with **PyTorch** and **Python**.

  Github Repo

## Others

- **Cambridge Certificate in Advanced English (C1) (08/2022)**