



Filippo Calio

Data Science Student

Education

MSc Data Science - I&E minor - Italy, Sweden

SEP. 2021 - ON GOING

EIT Digital Master School: **Politecnico di Milano** (Milan, Italy), **KTH** (Stockholm, Sweden)

Summer School: AI in Financial Services - Hungary

JULY 2022

Two weeks in Budapest focused on technologies applied to FinTech: Artificial Intelligence, Machine Learning, Data Science and Computational Intelligence.

BSc Computer Science and Engineering - Italy

SEP. 2018 - JULY 2021

Politecnico di Milano (Milan, Italy)

Work Experiences

Data Science Internship & Master Thesis - Gavagai (Stockholm)

JAN. 2022 - ON GOING

Focusing on NLP and exploring the use of **supervised keywords clustering** techniques.

E-Commerce Specialist (Milan)

JULY 2017 - AUG. 2017

I was the person in charge of managing the ecommerce section of a website. (starpizza.org)

Relevant Projects

Text Classification with LSTM (Python, PyTorch, Pandas, NumPy)

SEP 2022 - JAN. 2023

Determined the best data preprocessing techniques for classifiers that were trained to perform text classification between real and fake news, reaching 95% of accuracy.

Feature Selection (Python, Matplotlib, Pandas, NumPy)

SEP 2022 - OCT. 2023

Identified the best features in a dataset made up of thousands of tuples.

PC Configuration Telegram Bot (Python)

JUNE 2022 - JULY 2022

Created and sold a Telegram bot for a client, that would help people configuring a PC with all required components, hosting it using EC2 (AWS).

Digital Business LAB Project - A2A

MAR. 2022 - JUNE 2022

The aim was to find a way to measure the work engagement of the blue-collars workers of the italian company A2A. Our idea was to create an application where the workers can complete questionnaires, send suggestions to the company and so on, making all of these tasks gamified and based on a reward system.

Time Series Forecasting (Python, Tensorflow, NumPy, Pandas)

DEC. 2021 - FEB. 2022

Designed and implemented forecasting models to learn how to exploit past observations in the input sequence to correctly predict the future, using an encoder-decoder architecture.

Image Recognition with CNNs (Python, Keras, Numpy, Pandas)

OCT. 2021 - JAN. 2022

Created a Deep Learning model able to correctly classify leaves images.

Contact



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Relevant Courses

- Artificial Neural Networks and Deep Learning
- Machine Learning
- Recommender Systems
- Computer Vision and Image Analysis
- Data Intensive Computing
- Digital Business
- Data Mining
- Strategy & Marketing

Extracurricular Activities

- EIT Digital Student Ambassador
- Private Lesson Teacher
- Waiter (Stockholm)
- Volunteer with Plastic Free Onlus
- Steward at San Siro Stadium (Milan)

Languages and Skills

Italian - Native; **English** - Advanced;

Swedish - Basic

C, Python, HTML, Java, SQL

PyTorch, Tensorflow, Numpy, Pandas

Team Leadership and Team Working

Interests

Smart cities, drones, reading, bike touring, astronomy, startups, business