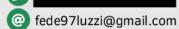


Federico Luzzi

Open to:

Data Scientist Data Engineer







Social Network



https://github.com/fedous



https://www.linkedin.com/in/federico-luzzi-73619816a

Database Tools -

■ SQL

MongoDB

SPARQL Kafka Neo4j Hadoop

Programming languages —

Python

♀ R

👙 Java

C, C++

HTML5 CSS3 Javascript

About me

IT enthusiast, always keeping up to date. I'm a fast learner, trying always to overcome obstacles to improve myself. I enjoy working in teams during projects which I've experienced during University.

Education

University

2019–2021 Data Science,

Università degli studi di Milano Bicocca

Master Degree

Grade: 110/110 cum laude

Study of all aspect of data life: data collection techniques, big data handling, data analysis, machine learning and state-of-the-art ap-

oroaches.

Mater thesis: Study and implementation of structural learning for

Sum-Product Networks.

2016–2019 Informatics,

Bachelor Degree Università degli studi di Milano Bicocca

Grade 110/110 cum laude

Bachelor thesis: Identification of spatio-temporal events: study and

implementation on a crime dataset

High School

2011-2016

Technical commercial Institute

ITCG P. Saraceno

Credito Valtellinese S.p.A

High School Diploma Grade: 100/100

Technical commercial high school with IT address, in particular on

company information systems.

Working Experience

05-2021 - Accademic Internship Università degli Studi di Milano Bicocca

08-2021 DISCo department - Viale Sarca 336, 20126, Milano, MI

Research for master thesis. Remote activity of literature study, code

optimization and model testing.

2017 - 2021 Tutoring Students

Tutoring high school students in Computer science and Math.

June 2015 Bank Internship

Viale Tommaso Ambrosetti 2, Morbegno (SO)

Front office activity, treasury management, handling client relation-

ships, support on back offices.

Projects

Data

YouTube Trending Analysis

Management

A Pipeline of scraping for YouTube trending data to analyze the differences between the results before and after the Covid-19

outbreak.

Python MongoDB kafka matplotlib

https://github.com/fedous/Youtube_trending_analysis

deeprob-kit LearnSPN optimization

The master thesis project. It involves in the optimization of LearnSPN: a structural learning algorithm of Sum-Product Networks. I've

contributed to the deeprob-kit python library.

Python | deeprob-kit | scikit-learn

https://github.com/deeprob-org/deeprob-kit

Federico Luzzi

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Python data mining libraries -

- Numpy, Pandas
- Matplotlib, Seaborn
- Scikit-learn, Keras
- Tensorflow, pytorch

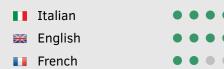
Other tools



Soft Skills

- Good time management
- Team working
- Self-taught

Languages



Hate Speech

Text mining project Recognition

Some already collected tweets have been analysed to create a machine learning model that recognise the hate speech situations

into tweet messages.

Python nltk scikit-learn NLP

https://github.com/MarcoP9/textmining

Telegram bot **Covid Italia News Bot**

A telegram bot that collects the daily data about Covid19 in Italy:

cases, recovered, vaccines, etc.

telegram.ext AWS instance Python matplotlib

https://github.com/Chri1629/covid_bot

Recreational Interests

Reading Mainly science and fantasy novels but also essays

ΙT Staying up to date with the recent technologies, in particular for AI

and data science

Playing I enjoy playing computer games, chess and the piano

Sport I go swimming regularly

Travel I love travel to discover new places and new cultures. I'm also an

amateur drone photographer

Certificates

English B1 **Buisiness English Certificate (BEC)**

Achieved during high school (2015)

Disability Certificate for restricted mobility

Inserted in "Categorie Protette" lists.