FEDERICO BOTTARELLI
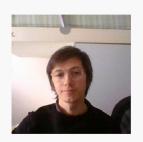
DATA SCIENCE, DATAOPS,
A.I. SPECIALIST

CONTACT

- 🌐 federicobottarelli.me
- 📞 +39-3518882690
- 📍 Padova - Mestre - Mantova
- ✉️ federico.bottarelli@gmail.com
- github.com/federicobottarelli

EDUCATION

BACHELOR ON STATISTICS FOR TECHNOLOGY AND SCIENCE
Padua University | 2019-2022
Thesis about an application of a recurrent neural network to compress text data.

MASTER ON DATA SCIENCE, PATH "MATHEMATICS FOR ARTIFICIAL INTELLIGENCE" (IN PROGRESS)
Padua University | 2022 - 2024

WORKING AS DATAOPS FOR MIRIADE, AN IT CONSULTING COMPANY
Padua | 2023 - ON GOING

HARD SKILLS

- Machine Learning
- Deep Learning
- Statistics modeling
- Information Retrieval
- Data Visualization
- Network Analysis
- Database
- Time series
- Data Structure

SOFT SKILLS

- Communication Skill
- Team Work
- Analytical Thinking
- Problem Solving

ABOUT ME

I'm Federico, I love everything related to data and they're use in real problem. From classical statistical analysis to more technology-base approach like Machine and Deep Learning tecniques, always with a statistical and mathematical approach in mind.

I'm fast and experienced with computer and modern technologies; I have a good base of coding skills furthermore of data analysis focus, in particular with Python and R; but I'm always open to learn new languages or technologies.

PROJECTS and REAL-DATA EXPERIENCES

- Working on paper about COVID impact on the counts of cancer patient in Modena hospital. (now in revision)
- Text Data compression with RNN.
- Frank-Wolfe optimization project
- Network Analysis of European football club
- Cord-19 Informational Retrieval project
- More projects at federicobottarelli.me

What I'm Learning Now

- Computer Vision
- Web Development with Django, Vue.JS and API RESTful
- Advanced Deep Learning tecnhiques
- Cyber Security and laws about Data.
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LANGUAGES

English
(Master in english)

Italian

CODE LANGUAGES

Python,Pytorch	Django, Streamlit
R,	HTML, CSS
C	
SQL	