GUGLIELMO CERRI
Bioinformatico - Data scientist

CONTACT ME
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HARK SKILL
- Python
- R
- Git
- DVC
- Docker
- MongoDB
- SQL
- C++
- C
- Bash
- React Native
- HTML
- CSS

CERTIFICATIONS
- MongoDB Python Developer Path
- Transformer Models and BERT Model
- Encoder-Decoder Architecture
- Attention Mechanism

SOFT SKILL
- Curiosity
- Sociability
- Perseverance
- Teamwork

LANGUAGE
- Italiano: native
- Inglese: B2

HOBBIES
- I collect comic books, stamps and coins
- Gym rat
- I love animals
- Watch enthusiast

ABOUT ME
P.Eng. and Bioinformatician, with experience in Python, R, MongoDB and SQL. I am currently looking for a company that will give me the opportunity to increase my technical and managerial skills using a wide and varied technology stack, with opportunities for continuing education. I am extremely interested in topics in the Big Data world, with a focus on Data science and AI of which I follow various newsletters, write articles on Medium, and contribute to OpenSource projects.

PROFESSIONAL EXPERIENCE
Bioinformatician
Cogentech srl - 2022/Current

Bioinformatician for a company within AIRC with purpose to develop ML models for predictive analysis on biological data and web interfaces for launching and managing bioinformatics pipelines. My main tasks are:
- Frontend and backend interface implementation.
- Construction of ML models on structured data

Artificial Intelligence Specialist
Fire Group spa - 2021/2022

Artificial Intelligence Specialist for an international company in Finance/Banking field. My main tasks are:
- NLP analysis with creation of custom NER models
- Development of chatbots for customer support
- GUI development for automatic extraction and labeling of pdf documents
- Development of deep learning and machine learning models on structured and unstructured data (images, text)

Research fellow
University of Verona - 2020/2021

Research fellow in bioinformatics for the University of Verona. My main tasks are:
- Genomic data analysis (DNA, mRNA)
- Design and implementation of machine learning models for the prediction of polymorphisms associated with neurodegenerative diseases

EDUCATION
University of Verona - 2018/2020
Master degree in Medical Bioinformatics (LM-18)

Graduation grade: 110/110 with honors
Dissertation: "Genetic and transcriptomic exploration of Parkinson's disease with ImaginGenetics."

Università degli studi di Catania - 2015/2018
Bachelor degree in Computer Science (L-31)

Graduation grade: 110/110 with honors
Dissertation: "Evaluation of methods for cancer biomarker detection in the absence of controls"

PUBLICATIONS
Mining genetic, transcriptomic and imaging data in Parkinson's disease - 2021
G. Cerri, M. Tognon, A. Altmann, R. Giugno

IEEE - Institute of Electrical and Electronics Engineers
Doi: 10.1109/ICHI52183.2021.00105