

GUGLIELMO CERRI

Bioinformatico - Data scientist

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](https://doi.org/10.1109/ICHI52183.2021.00105)

I authorize the processing of my personal data in the cv in accordance with Legislative Decree No. 196 of June 30, 2003 "Code on the Protection of Personal Data" and Article 13 of the GDPR (EU Regulation 2016/679).



CONTACT ME

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<https://github.com/GuglielmoCerri>

<https://www.linkedin.com/in/guglielmocerri>

<https://medium.com/@cerriguglielmo>

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