

Fabio Marchianò

PhD in Computational Biology

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*"For most scientists, I think the justification of their work is to be found in the pure joy of its **creativity**; the spirit which moves them is closely akin to the imaginative vision which inspires an artist" - James B. Conant*

Education/Jobs

- 2019 **PhD in Computational Biology**, IBDM University of Aix Marseille, France.
- 2018 **Bioinformatician at CNRS**, IBDM University of Aix Marseille, France.
- 2017 **Internship as bioinformatician at enGenome**, Start-up based in Pavia, Italy.
- 2017 **Master degree in Medical & Pharmaceutical Biotechnology**, University of Pavia, Italy.
- 2014 **Bachelor degree as Biomedical laboratory technologist**, University of Pavia, Italy.

Publications

- 2020 mitoXplorer, a visual data mining platform to systematically analyze and visualize mitochondrial expression dynamics and mutations

Skills

- Programming: Data analysis (Python, R, bash), full stack web-tool developer (MySQL/MongoDB, Python, Java, JS, PHP), version control (Git), creative coding (Processing), machine learning and deep learning (TensorFlow)
- Bioinformatics: Multi -omics (RNA-seq/ChIP-seq/proteomics) data analysis, data integration (network analysis, enrichment analysis, clustering/unsupervised learning)
- Management: Project managing, team building, scientific paper writing and communication

Languages

- Italian: First Language
- English: Good oral and writing skills
- French: 3 years on the field

Interests

- Prototyping: Electronics (Arduino, MakeyMakey), creative coding (processing)
- Art: Generative art, bioart, music (Ableton/PureData, voice and guitar), comedian
- Sports: Skateboarding, snowboarding and climbing