Dario Curreri   *dariocurr@gmail.com*   *dariocurr.github.io*

Throughout my studies and work experiences, I have honed my problem solving ability, developed several skills, faced fast-paced environments.

I am a contributor to many open source projects: I firmly believe that collaboration is the key to innovation

Experience

DevOps & HPC Lead @ *hiop*   Oct '21 - Today

- Co-creator of several components that led to the company's flagship product: an high-performance data processing mesh platform that enables DaC, quickly high-value data provision and data-driven decision making
- Co-creator of an HPC infrastructure on which relies real-time AI-based applications
- Designer and maintainer of company's CI/CD pipelines
- Creator and maintainer of several libraries on which the company's codebase relies
- Co-led growth, training and knowledge sharing among the team, which increased from 5 to 15 people

Full Stack Developer @ *CNRs Institute of Biophysics*   Dec '20 - Aug '21

Collaborator involved in the *Human Brain Project* with the aim of developing a Python and JS-based web application named *NeuroFeatureExtract* to analyse electrophysiological features

Bioinformatics Trainee @ *ISMETT*   May '21 - Jul '21

Practitioner on efficient algorithms and technologies to analise biological sequences represented in FASTA format, as part of a university internship project

Collaborator of ML Research Project @ *UNINA*   Nov '19 - Mar '20

Research project with the aim of developing a Python-based ML fuzzy classifier to diagnose celiac disease in Sicilian and Maltese children

Full Stack Developer Trainee @ *Informamuse*   Jan '19 - Mar '19

Web Developer as part of a university internship project

Education

Double Master in Computer Science @ *UNIPA & UGE*   Sep '19 - Oct '21

Double Master achieved cum laude with final thesis about *RDF data and columnar formats*
ECTS: 120/120   GPA: 29.29/30

Bachelor in Computer Science @ *UNIPA*   Sep '16 - Aug '19

Bachelor achieved cum laude with final thesis about *suffix array data structure*
ECTS: 186/180   GPA: 29.00/30

Erasmus Exchange @ *ELTE*   Sep '18 - Jan '19

Outstanding study experience which gave the opportunity to improve a vast set of skills

Others

CMM Pre-doctoral Research School	Aug '20
ESS Information Science School	Set '19
Scientfic High School Diploma	'12 - '16

Publication

The EBRAINS NeuroFeatureExtract: An Online Resource for the Extraction of Neural Activity Features From Electrophysiological Data

Skills

Certifications

AWS: *Practitioner*, *Developer*
GCP: *Digital Leader*
GitHub: *Foundations*, *Actions*, *Advanced Security*
Data Science

Workflow

Bash, Git, Docker, CI/CD
Rust, Python, Java, Scala, C
AWS, GCP

Languages

Italian: native
English: *B2*
French: *A2*