

# CURRICULUM VITAE

## *Roberto Polverelli Monti*

### CONTACT INFORMATION

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**Other:** me [at] roberto.pm

### EDUCATION

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**Università degli Studi di Bologna**

*2018–Present*

International Master in Bioinformatics

*Department of Pharmacy and Biotechnology*

**Università degli Studi di Torino**

*2014–2018*

Bachelor's Degree in Biological Sciences

*Department of Life Sciences and Systems Biology*

Title of Degree Thesis: *Mathematical models for studying metabolism*

### PERSONAL STATEMENT

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I strongly believe in the necessity of developing advanced computational approaches in order to make sense of and give structure to the increasingly abundant plethora of data that are being produced. Aiming to acquire the needed professional skills, I am eager to be confronted with real-world problems, and to learn from those who already work in the industry.

### TECHNICAL SKILLS

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• **Languages:**

Bash

Python

R

• **DevOps:**

Docker

Kubernetes

• **Cloud:**

Openstack

AWS

• **Web:**

Flask

SQL

HTML

CSS

### OTHER EXPERIENCES

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**Internship at INFN-CNAF**

*October 2020–Present*

*National Institute for Nuclear Physics, Bologna*

Provisioning of a complete Kubernetes cluster hosting Functions as a Service, for the auto-scalable deployment of Bioinformatics applications.

**20th Bologna Winter School: Data Science for Bioinformatics**

*February 18–22, 2019*

*Università degli Studi di Bologna*

A week-long series of conferences presenting the state-of-the-art of the available Bioinformatics algorithms and Cloud-based strategies for handling data out of large-scale experiments.

**Internship at Computational Biology Unit**

*March–April, 2017*

*Molecular Biotechnology Center, Torino*

Identification of eQTLs, based on the effect of variants on Total Binding Affinity profiles of regulatory regions.