

CURRICULUM VITAE

Roberto Polverelli Monti

CONTACT INFORMATION

E-mail: r.polverellimonti [at] cineca.it

Other: me [at] roberto.pm

WORK EXPERIENCE

Cineca – Consorzio Interuniversitario | www.cineca.it

2021–Present

System Administrator

HPC Systems Management Group

Via Magnanelli 6/3, 40033 Casalecchio di Reno (Bologna), Italy

EDUCATION

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

PERSONAL STATEMENT

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

• **Languages:**

Python

Bash

R

• **DevOps:**

Docker

Kubernetes

• **Cloud:**

Openstack

AWS

• **Web:**

Flask

SQL

HTML

CSS

OTHER EXPERIENCES

Internship at INFN-CNAF

October 2020–April 2021

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.

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.