



Andrea Cicconardi

Date of birth: 21/09/1994

Nationality: Italian

Gender: Male

CONTACT

📍 Via dei Carpentieri, 20
16159 GENOVA, Italy (**Home**)

📍 Via Paolo Borsellino, 1,
00062 Bracciano, Italy (**Second Home**)

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🌐 <https://github.com/andreacicconardi94>

WORK EXPERIENCE

14/03/2021 – 31/10/2022 Bologna, Italy

● **Postgraduate research at University of Bologna** Professor Emidio Capriotti

I worked on the analysis of protein variants and their effects to the functionality and stability of the structure. I analyzed data from dataset as MaveDB, Clinvar, and UniprotKB, parsing and extracting the most important features from them and mapping the mutations in the different databases.

I also worked on Deep Mutational Scanning Data to predict the effect of synonymous and non-synonymous mutations on the secondary structure of RNA and so on the functionality of a protein.

With my teams we worked on different CAGI6 prediction challenges, with the aim to score the effects of single nucleotide variants, deletions and insertion on a sequence.

Business or Sector Professional, scientific and technical activities | **Department** FaBit - Department of Pharmacy and Biotechnolog | **Address** Via Belmeloro, 6, 40126, Bologna, Italy | **Website** <https://biofold.org/index.html>

EDUCATION AND TRAINING

14/09/2008 – 11/07/2013 BRACCIANO (RM), Italy

● **High School Graduate** Liceo Scientifico Ignazio Vian

Address Largo Cesare Pavese, 1, BRACCIANO (RM), Italy | **Website** <https://www.liceovian.edu.it/> | **Final grade** 84/100 | **Level in EQF** EQF level 4

30/09/2014 – 17/12/2018 Viterbo, Italy

● **Bachelor Degree** Università degli studi della Tuscia

Address Via S.M. in Gradi, 4, Viterbo, Italy | **Website** <http://www.unitus.it/> | **Field of study** Biology | **Final grade** 101/110 | **Level in EQF** EQF level 6 | **National classification** Laurea Triennale | **Type of credits** CFU (equivalent to ECTS) | **Number of credits** 180 | **Thesis** The Human Genome Editing - Science and Bioethics of Human Genome Editing

30/09/2018 – 29/09/2020 Bologna, Italy

● **Master Degree in Bioinformatics** Università di Bologna - Alma Mater Studiorum

Address Via Belmeloro, 6, Bologna, Italy | **Website** <https://corsi.unibo.it/2cycle/Bioinformatics> | **Field of study** Natural sciences, mathematics and statistics | **Final grade** 106/110 | **Level in EQF** EQF level 7 | **National classification** Laurea Magistrale | **Type of credits** CFU (equivalent to ECTS) | **Number of credits** 120 | **Thesis** Kernel Density Estimation for Cancer Classification and Prediction

01/11/2022 – CURRENT Genova (GE), Italy

● **PhD in Physics** Italian Institute of Technology, University of Genova

Address Via Morego, 30, Genova (GE), Italy | **Website** <https://www.iit.it/it/cct-morego> | **Field of study** Physics, Data Analysis, Chemistry | **Level in EQF** EQF level 8

LANGUAGE SKILLS

MOTHER TONGUE(S): Italian

Other language(s):

English

Listening
B2

Reading
C1

Spoken
production
B2

Spoken
interaction
B2

Writing
B2

Spanish

Listening
B2

Reading
B2

Spoken production
B2

Spoken interaction
B2

Writing
B1

French

Listening
A2

Reading
A2

Spoken production
A1

Spoken interaction
A1

Writing
A1

DIGITAL SKILLS

Windows | Social Network | Microsoft office (Word Excel Powerpoint Outlook) | Outlook & Gmail | Problem solving (problem analysis) | Proficient User of Latex | basic video and photo editing skills | Elaboration of Information | Google Drive | LinkedIn | Motivated

PROGRAMMING SKILLS

Python programming language | Basic c | basic c++ | LaTeX Overleaf | Scripting in Python and/or Bash | GIT (GitHub) | Operative Systems

ADDITIONAL INFORMATION

Driving Licence

● **Driving Licence:** B

Reference

● **Contacts for reference letters**

Here are the contacts of my reference professors:

Emidio Capriotti

E-mail: emidio.capriotti@unibo.it

Tel: +39 051 20 9 4303

Fax: +39 051 20 9 4286

Web: <http://biofold.org/>

Pier Luigi Martelli

E-mail: pierluigi.martelli@unibo.it

Tel: +39 051 20 9 4005

Jesus Aguilar-Ruiz

E-mail: aguilar@upo.es

Web: <https://www.researchgate.net/profile/Jesus-Aguilar-Ruiz>

Giorgio Divitini

E-mail: giorgio.divitini@iit.it

Web: [People details - IIT](#)

Honours and awards

● **31/10/2021** University of Bologna

Tutoring contract

I won a tutoring fellowship at University of Bologna for the course of Proteomes, Interactomes, and Biological Networks, in the Genomics bachelor degree. The teacher is Emidio Capriotti.

Link <https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2021/424206>

● **31/10/2021** University of Bologna

Tutoring contract I won a tutoring fellowship at University of Bologna for the course of Laboratory of Bioinformatics 1 (Module 2), in the Bioinformatics masters degree. The teacher is Emidio Capriotti.

Link <https://www.unibo.it/en/teaching/course-unit-catalogue/course-unit/2021/366293>