Riccardo Biondi
Curriculum Vitae ac Studiorum

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Education and Training

1 Nov 2021 - Present **Alma Mater Studiorum - University of Bologna** *Bologna, Italy*

PhD in *Health and Technology*
○ **Project** *Usage and Reusage of Big Biomedical Multiomics Data to Assist Clinical Decision Making*

15 Apr – 15 Oct 2021 **Alma Mater Studiorum - University of Bologna** *Bologna, Italy*

Study Fellowship
○ **Project** *Multiomic analysis of HARMONY project data and automatic segmentation procedures on CT scan of COVID patients*

Sep 2018 – 19 Dec 2020 **Alma Mater Studiorum - University of Bologna** *Bologna, Italy*

Master Degree in *9245-Physics*, curriculum Applied Physics (LM-17-fisica)
○ **Final Grade** 110/110 cum Laude

○ **Thesis Title** *Implementation of an Automated Pipeline for the Identification of Ground Glass Opacities on CT Images of Patient Affected by COVID-19*

Sep 2015 – 18 Oct 2018 **Alma Mater Studiorum - University of Bologna** *Bologna, Italy*

Bachelor Degree in *Physics* (L-30-Physics).
○ **Final Grade** 107/110

○ **Thesis Titles** *Nanostructured Material Characterization using a Spectrophotometer*

Sep 2010 – Jul 2015 **Liceo Scientifico Fulcieri Paolucci de Calboli** *Forlì, Italy*

Highschool Degree
○ **Final Grade** 82/100

Work Experiences

Mar 2023 – Present **IRCCS-ISBN** *Bologna, Via Altura 3, Italy*

Health researcher
○ **Progetto** *Data Science, Bioinformatics and Medical Image Analysis*

Oct 2019 – Mar 2020 **Ducati Foundation** *Borgo Panigale (BO), Italy*

Didactic tutor in *Fisica in Moto* laboratories

Conferences

19 Set 2022 – 21 Set 2022 **ICMMB2022**

International Conference on Machanics in Medicine and Biology
○ **Presented Work** *nteractive Visualization of Biological Network Structures in Virtual Reality: a Study Experience*

15 Set 2021 – 17 Set 2021 **CompBioMed2021**

Computational BioMedicine
○ **Presented Work** *A Graph-Cut Approach to Hip-Joint Segmentation*

Training Courses

18 Jan 2023 – 25 Jan 2023	**Winter School**
	Advanced Methods for mathematical image analysis
3 Jul 2019 – 10 Jul 2019	**Summer School**
	Physical Sensing and Processing

Programming Skills

Advanced	Python, LaTeX
Intermediate	3DSlicer, freesurfer, git, github
Basic	C++, JavaScript, R, Bash

Languages

Italian	mother tongue
English	B2

Driver License

24 Apr 2015	B level driver license

Interests

I spend my free time in:

o Close up magic

o I've done Taekwondo for 10 years and I'm 1st dan black belt acknowledge by World Taekwondo Federation

o For 2 years I was Taekwondo coach at A.S.D. Tkwondo Galeata- S.Sofia

o I've been referee in inter-regional tournaments organized by FIST(*Federazione Italiana Sport Taekwondo*) and CSEN

Autorizzo al trattamento dei dati personali contenuti in questo documento ai sensi dell'articolo 13 del D. Lgs. 196/2003.

Bologna, **?today?**