



# Alice Rossi

PhD student in Intelligent Systems Engineering  
Department of Engineering for Innovation Medicine,  
University of Verona

## Contatti

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## Skills

- Experience in interpreting and analyzing biomedical data and images (FLS, MRtrix)
- Strong knowledge of programming languages (Python, R, SQL, Matlab)
- Excellent communication, interpersonal, and teamwork skills in multidisciplinary teams (physicians, biotechnologists, and physicists)

## Languages

**Italian** native speaker

**English** B2

**Spanish** A2

## About me

PhD student with solid expertise in bioinformatics and a strong interest in innovative medical research. Determined, detail-oriented, and eager to learn and grow professionally.

## Education

### 2024 - PRESENT | PHD

**Intelligent Systems Engineering, University of Verona**

40th-cycle PhD Student Representative

Skills in using image (PET, CT, MRI) analysis software for clinical and preclinical research applications

### 2022 - 2024 | MASTER'S DEGREE

**Medical Bioinformatics, University of Verona**

Final grade: 110/110 cum laude

### 2019 - 2022 | BACHELOR'S DEGREE

**Bioinformatics, University of Verona**

Final grade: 110/110 cum laude

## Professional experience

### 2021 - 2024 | TUTORING AT PRIVATE INSTITUTIONS

Provided study support to students of all levels, from elementary school to university.

### 2023 - 2024 | INTERNSHIP AT THE AZIENDA OSPEDALIERA INTEGRATA VERONA (AOUI): PSYCHIATRY UNIT B

Experience in biomedical image processing (dMRI) in patients with bipolar disorder and schizophrenia using imaging software and tools (Freesurfer, FSL, MRtrix3, ANTs).

### 2021 - 2022 | INTERNSHIP AT THE UNIVERSITY OF VERONA

Training in brain connectivity analysis in multiple sclerosis patients using COMMITblur, combining microstructural properties with each individual's brain tractography.

## Conferences and certificates

### PRACTICAL MR PHYSICS | ESMRMB | JUNE 2025

Certificate of competency for the "E-LEARNING: COMPREHENSIVE COURSE ON PRACTICAL MR PHYSICS", provided by the European Society for Magnetic Resonance in Medicine and Biology.

### WORKSHOP | ESGAR | DECEMBER 2024

Certificate of participation in the "Virtual AI Workshop: How to develop a Radiomics Signature," provided by the European Society of Gastrointestinal and Abdominal Radiology.

### ORAL PRESENTATION | EPA | APRIL 2024, BUDAPEST

The results obtained from my internship at AOUI Verona were presented at the 32nd European Congress of Psychiatry, as part of a project with the following title: *"The impact of cognitive remediation on social functioning and neural plasticity in early psychosis: a randomized clinical trial"* (Perlini C, Rossetti MG, Girelli F, et al.)

### POSTER | GIDRM | SEPTEMBER 2025, VERONA

Poster presented at the 52nd National Conference on Magnetic Resonance organised by Gruppo Italiano Discussione Risonanze Magnetiche