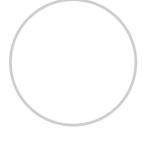
### Giada Parodi



O Home :

**Work** :

🗹 Email: \_

<mark>∠</mark>Email: \_

**C** Phone:

Date of birth: 16/11/1999 Nationality:

WORK EXPERIENCE	
[ 01/11/2023 – Current ]	PhD student

### University of Genoa

City: Genoa

Country: Italy

#### Name of unit or department: Bioengineering

Robotic agents and patient digital twins for personalized cognitive and neuromotor rehabilitation:

- To develop a computational model of the spontaneous neuromotor recovery process in stroke survivors, explicitly accounting for the interplay of compensation and true recovery.
- To design a new form of treatment which allows for controlling the amount of compensation in order to maximize true recovery.

Matlab, Simulink

### [01/12/2023 - 28/03/2024] Marie Curie Visiting PhD student

### Lund University

City: Lund

Country: Sweden

Quantifying the disambiguation process of the visual system in humans, when viewing a textured surface.

This research aims to make the use of interfaces such as touchscreens more intuitive and natural, optimising visual perception to enrich the user experience. (Experimental set-up, data collection, data analysis)

Matlab, Python, Tobii Eye Tracker

## [ 2017 – 2023 ] **Music teacher**

### Filarmonica Sestrese

**City:** Genoa **Country:** Italy Teaching the basics of music to children from 3 to 7 years old.

# [2018 - 2023] **Private tutor**

**City:** Genoa **Country:** Italy Math, Physics, Chemistry, English Skills: Teaching, Communication, Organization and Time Management EDUCATION AND TRAINING [ 2021 - 2023 ]

# M.S. IN BIOENGINEERING - Rehabilitation engineering and interaction technologies

### University of Genoa

City: Genoa

Country: Italy

Field(s) of study: Engineering, manufacturing and construction

Final grade: 110 cum laude

Thesis: A Comparative Analysis of Multisensory Integration in Joint Action

- Design and development of experimental set-up (diadic set-up)
- Data collection and data analysis
- Matlab, Simulink, R, Tobii Eye Tracker

This Project was carried out at Imperial College London (March 2023 - September 2023), Department of Bioengineering.

## [2018 – 2021] B.S. IN BIOMEDICAL ENGINEERING

### University of Genoa

City: Genoa

Country: Italy

Field(s) of study: Engineering, manufacturing and construction

Final grade: 97/110

**Thesis:** Mobile application for monitoring and contrasting cognitive impairment: memory functions

Development of memory games through programming in AppInventor

## [ 2017 – 2017 ] **Pet Certificate**

### Cambridge

**City:** Genoa **Country:** Italy

### LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s):

### English

LISTENING B2 READING B2 WRITING B2

SPOKEN PRODUCTION B2 SPOKEN INTERACTION B2

Levels: A1 and A2: Basic user; B1 and B2: Independent user; C1 and C2: Proficient user

### DIGITAL SKILLS

Matlab/Simulik | Experience in MATLAB, python, and R | Tobii Eye tracker. | Microsoft Office | Microsoft Powerpoint | Microsoft Excel | Microsoft Word

### **DRIVING LICENCE**

Cars: B

### VOLUNTEERING

[2017 - 2018] Volunteer in "Band degli Orsi" Genoa

The "Band degli Orsi" is a volunteer nonprofit focused on enhancing care for young patients at Giannina Gaslini Children's Hospital.