Giada Parodi

Home :

Work :

Email:

Email:

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.