PERSONAL INFORMATION   Laura Bandini

Sex | Date of birth 30/10/1997 | Nationality

PREFERRED JOB   Biomedical engineer in the rehabilitation context

EDUCATION AND TRAINING

March 2020 – March 2022

Master's degree in Rehabilitation Engineering and Biomaterials
Graduation mark: 110/110 cum laude

Università degli Studi di Genova
- Thesis: "A mobile application to monitor and contrast cognitive impairment". Project in collaboration with the Center of Cognitive Disorders and Dementia of Galliera Hospital in Genoa. Thesis advisors: Vittorio Sanguineti and Maria Cristina Novello.

September 2016 – March 2020

Bachelor's degree in Biomedical Engineering
Graduation mark: 96/110

Università degli Studi di Genova
- Thesis: "On the study of cognitive rehabilitation strategies with robot". Project in collaboration with the Robotics Brain and Cognitive Sciences (RBCS) Department, Italian Institute of Technology (IIT).
Thesis advisors: Maura Casadio and Francesco Rea.

2011 – 2016

High school diploma
Mark: 97/100

Liceo scientifico Luigi Lanfranconi, Genoa
- Student internship (Alternanza scuola-lavoro): Training and support to the clinical staff at Ospedale P.A. Micone - Sestri Ponente, Genoa.

PERSONAL SKILLS

Mother tongue(s)   Italian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	B2	C1	B2	B2	C1
	FCE, December 2015				

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills	▪ good communication skills gained through my volunteering experience
	▪ attitude in team working gained through my studies and projects
	▪ good ability to interact with people from different background acquired during the CIT (Counselor in Training) activity at Independent Lake Camp, PA.

I always try to actively participate in the group as I think teamwork is a stimulating and effective way for achieving goals.

Organisational / managerial skills	▪ background in managing and organizing activities acquired through my volunteering experience and projects
	▪ ability to manage and coordinate activities acquired through my volunteering experience and projects

I adapt myself quickly to new situations and always try to acquire new skills that may be useful in my work. I can efficiently manage the time, meeting deadlines, fixing priorities, and working independently.

Computer skills	▪ good knowledge of C, C++ and Java programming languages and of Matlab
	▪ good knowledge of Microsoft Office™ tools, Android Studio, libGDX and NoSQL Databases
	▪ experience in using Arduino IDE
	▪ basic knowledge of the design software 2D CAD (Autocad LT)

Driving licence	▪ B

ADDITIONAL INFORMATION

Project work	▪ "Tennis movements registration and analysis"- a project for the course of *Sports Biomechanics,* academic year 2021-22.
	Data registration and analysis of a tennis movement using markers, cameras, and Matlab.
	▪ "BReATH - *Bracelet for REmote Assessment of Temperature and Health*" - a project for the course of *Motor control and human performance assessment*, academic year 2020-21.
	Development of a wearable sensor (bracelet) for remote monitoring of health using Arduino and appropriate electronic components.
	▪ "Motor unit sorting"- a project for the course of *Analysis of Biomedical Data and Signals*, academic year 2020-21.
	Data analysis of an EMG signal referring to the trapezius muscle using Matlab.