Eleonore Federica Di Rosa

WORK EXPERIENCE

[09/2022 - present]

Cubs Scout Leader

Agesci Modena 5 - MODENA (MO) Italy

Business or sector: entertainment services and cultural activities

Main activities and responsibilities: I am an activity leader in the scouts, for a group of children aged 8-11 y/o. Meetings take place once or twice a week, at the local church but also in the outdoors (countryside, mountains). While playing and sharing moments together, children are also educated according to the Scouting Method.

Acquired skills and achieved objectives: Thanks to the scouts I learnt:

- how to interact assertively with the other members of the staff, and work as a team, in order to organise the meetings for the children

- how to manage unexpected events and situations, both related to the planning of the activities and to the need of the children, and thus how to find a fast and effective solution

- to listen carefully to people with greater expertise in the field, especially at the beginning of a project

- take responsibility for the result, in term of the activities but also of overall education

- propose alternative solutions and ideas

- smile when things get harder

[06/2024 - 06/2024]

Research Fellow

Wake Forest University - School of Medicine - WINSTION - SALEM, NC United States of America

Company sector: R&D and patents

Business or sector: education, training, research and development

Main activities and responsibilities: At Wake Forest I took part in a multisensory correlation project that aims at analysing the nature and the sources of multisensory performance variations observed either within-subjects (across multiple trials) or among different subjects. Under the supervision of Professor Benjamin A. Rowland, PhD I am contributing to the design and preparation of behavioural experiments (both in a standard environment and in VR, using Unreal Engine), participating in the process of data collection, and analysing of the obtained data using different sw such as Matlab and R.

Acquired skills and achieved objectives: 1) knowledge of Unreal Engine and Vive Pro headset

2) design and implementation of experimental protocols to test integrative abilities (localisation accuracy, reaction time)

3) collection of experimental data from adult subjects (managing the experimental workflow, define instructions for experimenter and participant, debugging)

4) knowledge of R programming language

[02/2023 - 04/2023]

R&D intern

THD S.p.a , Via Dell'Industria - CORREGGIO (RE) Italy

Company sector: Engineering and design

Business or sector: biomedical

Main activities and responsibilities: Use of Git, Anaconda and Python for the annotation of medical images, in order to then train a set of AI neural networks for diagnosis purposes

Acquired skills and achieved objectives: - Use of Graphics SW (Adobe Premiere Pro) for images and videos conditioning

- Experience of the private business environment, of how it works and what it takes to achieve goals personally and as part of a team

- Greater development of problem finding&solving skills

[07/2021 - 12/2021]   **Front line medical receptionist**

AUSL di Modena , Minutara - MODENA (MO) Italy

Company sector: Customer service

Business or sector: healthcare

Main activities and responsibilities: operator responsible for the reception and control of the necessary documents to receive the vaccination against Covid-19

Acquired skills and achieved objectives: It was a chance to improve my communication skills, as well as the ability to handle pressure in urgency situations

[08/2016 - 09/2016]   **Waitress**

Dispensa Emilia , Emilia Est - MODENA (MO) Italy

Company sector: Manufacturing

Business or sector: commerce, hotels, public activities (chemists shop included)

Main activities and responsibilities: I worked as assistant cook (first courses and fast meals), as hand dishwasher and barmaid, but mainly as waitress (table service)

Acquired skills and achieved objectives: I learnt how to handle multiple requests fast and effectively, and to listen to the advice and requests of my supervisors. Besides, it was a chance to improve my communication skills and teamwork abilities

EDUCATION AND TRAINING

[2021 - 2024]   **Master's Degree in Biomedical Engineering - Neuroscience**

Alma Mater Studiorum - Università di Bologna

Town: BOLOGNA

2nd level degree in Biomedical engineering

Final degree mark: 110/110 cum laude

EQF level: 7

NQF level: 2nd cycle degree/Master of Science (2 years)

Dissertation/thesis title: A neurocomputational model of multisensory integration in the spatiotemporal domain

[2018 - 2021]   **Bachelor's Degree in Biomedical Engineering**

Alma Mater Studiorum - Università di Bologna

Town: BOLOGNA

1st level degree in Information technology

Final degree mark: 110/110 cum laude

EQF level: 6

NQF level: 1st cycle degree/Bachelor (3 years)

Dissertation/thesis title: Validation schemes for machine learning in healthcare

OTHER POSTGRADUATE STUDIES

[2023 - 2023]   CUBS SCOUT LEADER - METHODOLOGIC CAMP
Campo di Formazione Metodologica, Branca Lupetti/Coccinelle
AGESCI
Description:

Educational camp for scout leaders specifically interacting with children aged 8-11. During the camp the scout leader has the opportunity to reflect upon the scout educational method, to interact with scout leaders from all over Italy, to express themselves verbally and artistically. This camp helps the leader in growing the ability to identify personal educational goals and needs, and to build a solid awareness on how important the communication between adults is

[2023 - 2023]   CAMP FOR INTERN SCOUT LEADER
Campo di Formazione Tirocinanti
AGESCI
Description:

Educational camp for young scout leaders, aimed at offering moments of reflection upon the educational choice of being a scout leader. During this camp the young scout leader comes to understand how precious is the free educational service that we, the scouts, operate, meant as a gift and opportunity for every aspect of our life.

PRE-UNIVERSITY STUDIES

[2018]   Italian secondary school diploma

LANGUAGE SKILLS

Mother tongue(s): Italian

Other language(s)

English
LISTENING: C1   **READING:** C2   **WRITING:** C2
SPOKEN INTERACTION: C1   **SPOKEN PRODUCTION:** C1

French
LISTENING: A2   **READING:** A2   **WRITING:** A2
SPOKEN INTERACTION: B1   **SPOKEN PRODUCTION:** B1

Diploma(s) or certificate(s)
English: Diploma d'inglese come lingua straniera (Livello avanzato) - Cambridge Assessment English, 17 04 2021 - European level: C2

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

ACADEMIC STUDIES IN FOREIGN COUNTRIES

Other experience acknowledged by the course of study
Research period for the final examination preparation abroad
Language: English
Duration of studies in months: 2
Foreign country where the academic studies were carried out: New York (United States of America)
Description: At the Cognitive Neuroscience Laboratory, Albert Einstein College of Medicine, I developed a research project on the temporal and spatial features of brain multisensory integration, under the supervision of Prof. Sophie Molholm, PhD, director of the lab. I had a chance to learn how to use different sw to program neural and behavioural experiments, took part at periodical meeting to discuss ideas with others members of the lab, and deeply enrich my mathematical preparation on the topic.

OTHER SKILLS

Communication skills
- Ability of communicating and interacting with other people, also providing feedbacks, as learnt attending the degree program, working during the internship and following the theatre classes as well as the scouts activity
- Cooperation and teamwork abilities, acquired both doing projects in groups at university, but also during the internship
- Assertiveness and conflict management
Organisational / managerial skills
- High flexibility and adaptability to a changing environment, also in case of sudden modifications
requested for the previously done work; both acquired during the degree program and in the scouts
- Great planning and organisation skills, which are vital to meet the deadlines with good preparation and results in all aspects of life
Other skills
- strong determination and resilience (scouts, university)
- quite good independence in the fulfilment of tasks
- critical observation and abilities of problem finding&solving
- innovative and creative thinking (scouts, theatre)

DIGITAL COMPETENCES

SELF-ASSESSMENT				
INFORMATION AND DATA LITERACY	COMMUNICATION AND COLLABORATION	DIGITAL CONTENT CREATION	SAFETY	PROBLEM SOLVING
Proficient user	Proficient user	Independent user	Proficient user	Independent user

Digital competences - Self-assessment grid

Certificato di Partecipazione:

CINECA, 2021-10-01

Basic digital competence:

OFFICE AUTOMATION
Office Suite: (Advanced) | **Presentation Software:** (Advanced) | **Spreadsheets:** (Advanced) | **Web Browser:** (Highly Specialised) | **Word Processors:** (Advanced)

COMPUTER PROGRAMMING
Programming languages: MATLAB (Highly Specialised) , Python (Intermediate) , R (Foundation) , Unreal Engine (Foundation)

SYSTEMS AND NETWORKS MANAGEMENT
Network architecture: (Foundation) | **Operating systems:** (Advanced)

DATA MANAGEMENT
DBMS: (Advanced)

ADDITIONAL INFORMATION

From the age of 10 to 21 I was part of a scout group, as an educated subject, while since I was 19 I am actively involved as an educator in this field. Scouts has always been guiding and inspiring my actions and life choices, nurturing my adventure spirit while pushing me to relentlessly find innovative solutions to incoming problems. From this world I also learnt how to be patient and perseverant in waiting for the results I've worked for.

For 6 years I was part of an amateur theatre group for adults, which stages musical in English language once a year. This experience allowed me to grow my creativity and my interest for the world of art and literature

From the beginning of my degree program, I weekly help high school students with their homework, especially in scientific subjects