



Camille Mazzara

Nationality: Italian

[Redacted]

Date of birth: [Redacted]

Gender: Female

Email address: [Redacted]

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Address: [Redacted]

WORK EXPERIENCE

Cooperation contract at the National Research Council Biophysics Institute

[10 Jul 18 – 28 Feb 20]

City: Palermo

Country: Italy

Implementation of a realistic computational model of the Hippocampus CA1 region as part of the Research Project: " HUMAN BRAIN PROJECT SGA 2 "(HBP SGA 2).

Internship at the Biophysics Institute of the Science Research Council.

[20 Jul 15 – 30 Jul 16]

City: Palermo

Country: Italy

During this internship I learnt how to code computational models on neural networks through Python and Neuron.

EDUCATION AND TRAINING

Master Degree in Neurobiology

University of Rome "La Sapienza" [23 Oct 20]

Address: Roma(Italy)

Final grade : 110/110 cum laude

Thesis: "Study of the Biophysical and Neurophysiological Mechanisms involved in the Place Cell"

In my degree thesis I implemented a computational biophysical model of a Place Cell, usable in large- scale networks of the hippocampus to study cognitive functions and dysfunctions at a higher level of integration.



HBP School: "The Brain Simulation Platform of the Human Brain Project"

[17 Sep 18 – 21 Sep 18]

Address: Palermo (Italy)

Bachelor's degree in Physical Sciences and Technologies

University of Palermo [21 Mar 17]

Address: Palermo (Italy)

Final grade: 107/110

Thesis: "Computational Biophysical Model of a CA1 neuron in physiological and pathological conditions (AD)"

In my Bachelor Thesis I implemented a CA1 hippocampal pyramidal neuron model with the simulation environment "Neuron", in order to study biophysical properties of neurons with a therapy-oriented approach.

School of Brain Cells and Circuits <<Camillo Golgi>>

[29 Nov 15 – 3 Dec 15]

Participation in the first International School of Brain Cells and Circuits <<Camillo Golgi>> course on the theme: "Modeling the Brain: From neurons to integrated system", (Erice, Trapani, Italy), directed by Professors E. D'Angelo, C. Gandini Wheeler-Kingshott and M. Migliore.

High school Diploma

Liceo Classico Statale "Giovanni Meli" [11 – 12]

Address: Palermo (Italy)

LANGUAGE SKILLS

Mother tongue(s):

Italian

Other language(s):

English

LISTENING B1 READING B1 WRITING B1

SPOKEN PRODUCTION B1 SPOKEN INTERACTION B1



DIGITAL SKILLS

Operative Systems

Microsoft Windows / Mac

Productivity

Microsoft Office (Microsoft Word Microsoft Excel Microsoft Powerpoint Microsoft Access)

Coding

Neuron / Python / C / C++

ORGANISATIONAL SKILLS

Ability to work under pressure

- Teamwork, Problem-solving and stress management;
- Excellent flexibility and adaptation in the context of new projects;
- Excellent predisposition to listening.

DRIVING LICENCE

Driving Licence:B

OTHER SKILLS

Conservatory

I attended the piano, composition and solfeggio courses at the "Vincenzo Bellini" Conservatory in Palermo.

DATA

17/02/2021

FIRMA

