

WORK EXPERIENCE

[11/2021 – Current] **PhD Student**

Università degli Studi di Genova

City: Genoa

Country: Italy

Main activities and responsibilities:

PhD Student on remote sensing at DITEN

[02/2022 – Current] **University teaching assistant - Machine Learning and Pattern Recognition**

DITEN, Università degli studi di Genova

City: Genoa

Country: Italy

Main activities and responsibilities:

Didactical support for several laboratories covering basic machine learning topics applied to remotely sensed data

[02/2021 – 10/2021] **University research support**

Ghent University

City: Gent

Country: Belgium

Main activities and responsibilities:

Image analyst in the Plant System Biology (psb.ugent.be) center

[01/2020 – 07/2020] **Image processing intern**

Hôpital Européen Georges Pompidou

City: Paris

Country: France

Main activities and responsibilities:

C# and MATLAB programming

Biomedical images analysis

Results analysis

Main research topic:

- Diastolic function indices obtained through MRI4D Flow images

[02/2017 – 06/2019] **Junior researcher**

Facultad de Ingeniería y Ciencias Exactas y Naturales, Universidad Favaloro

City: Buenos Aires

Country: Argentina

Main activities and responsibilities:

C# and MATLAB programming

Biomedical Image Analysis

Data Analysis

Main research topics:

- Tricuspid annulus dilatation analysis through 4DCT images.
- ISMAD
- FFRct

EDUCATION AND TRAINING

[03/09/2019 – 03/09/2020] **Biomedical Engineering Master Degree (BioImaging track)**

Université de Paris, ENSAM and PSL in collaboration with Telecom ParisTech

Address: Paris, France

Level in EQF: EQF level 7

Main subject / occupational skills covered:

Last provisional transcript:

- GPA: 15.44/20
- Rank: 3/22

[01/2014 – 06/2019] **Biomedical Engineering Degree**

Facultad de Ingenieria y Ciencias Exactas y Naturales, Universidad Favaloro

Address: Ciudad Autonoma de Buenos Aires, Argentina

Level in EQF: EQF level 7

Main subject / occupational skills covered:

- GPA: 8.04/10
- Degree with honours

[08/2020 – 11/2020] **Deep Learning Specialization**

DeepLearning.AI <https://www.deeplearning.ai/program/deep-learning-specialization/>

LANGUAGE SKILLS

Mother tongue: Spanish

Other languages:

English

LISTENING C2 READING C2 WRITING C2

SPOKEN PRODUCTION C2 SPOKEN INTERACTION C2

French

LISTENING B2 READING B2 WRITING B1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

Italian

LISTENING C1 READING C1 WRITING C1

SPOKEN PRODUCTION C1 SPOKEN INTERACTION C1

DIGITAL SKILLS

Programming skills

C C++ C# | Python | Javascript | R | Matlab | OpenGL | OpenCV | SQL

Image Processing

ImageJ | Fiji | Icy | ENVI | GIS

Deep Learning

Scikit-learn | Tensorflow | Keras Framework | Pytorch

International Masters Mobility Scholarship (MIEM) 2019-2020 as a part of the Initiative of Excellence (IdEx).

The IdEx is a program of investments for top higher education and research facilities in France.

MIEM is a competitive program that aims to promote the internationalization of master's programs and facilitate the arrival of the best international students in order to create a pool of excellence for the recruitment of future doctoral students.