

## PROFESSIONAL EXPERIENCES

### Internship at Sapienza University of Rome

📅 August 2022 - On Going 📍 Italy, Roma

- Internship in DIET laboratory, oriented to the development and completion of an experimental research activity in the field of recognition of plastic waste with the use of hyperspectral sensor data transported on drone aimed at completing the work already carried out in my Master degree thesis co-supervised by Dr.Balsi to get to a publication that will presumably be submitted within two months.

### Remote internship at Sapienza University of Rome

📅 Marche 2022- June 2022 📍 Italy, Roma

- Weekly teleconference meetings, processing, programming, exchanging Data and reports, under the supervision of Dr.Marco Balsi from the Lab DIET at Sapienza University of Rome, alongside with his research team Dr. Monica Moroni from DICEA.

### Internship at SARL ABIDI Industry

📅 19 to 31 March 2022 📍 Algeria, Guelma

- At ABIDI Industry, the purpose of the training course is to be prepared for professional working life and enable to practice the theoretical and methodological knowledge acquired during my training and to carry out my preparation for my final Master thesis project. The internship is part of the educational curriculum and mandatory for obtaining the Master degree.

## UNIVERSITY PROJECTS

### Master thesis - 8 MAI 1945 University

📅 2021 - 2022 📍 Algeria, Guelma

- My project "Aerial remote sensing for plastic waste using hyper-spectral images and machine learning" under Pr.Boudjehem supervision where I have proved accurate application of the hyperspectral Data analysis methodologies obtained for the recognition of plastic waste at sea, also applying and exploring different algorithms for classification.

### Bachelor thesis - 8 MAI 1945 University

📅 2019-2020 📍 Algeria, Guelma

- My project on alarm system security and strategies demonstrated my analytical skills and ability on on detailing and understanding of the electronic control field, I gave a particularly interesting discussion for thesis defense on some approaches applied to security systems based on laser.

## EDUCATION

### Ph.D Student

📅 2022-2025 📍 Sapienza University.

topic : Aerial remote sensing for plastic waste detection using hyper-spectral and satellite imaging based on Deep Learning.

### Master 2 In Instrumentation 2nd Semester

📅 2021-2022 📍 8 Mai 1945 University.

### Master 2 Erasmus Scholarship 1st Semester

📅 2021-2022 📍 ULPGC University, Spain.

### Master 1 in Instrumentation

📅 2020-2021 📍 8 Mai 1945 University

### Bachelor's degree in science technology – specialisation : Electronics

📅 2016-2020 📍 8 Mai 1945 University

### Baccalaureate in experimental Sciences.

📅 2016 📍 BENMARCE High School

## TECHNICAL SKILLS

Good proficient of Matlab and LabView

Good Proficient of Office™ and Word

## LANGUAGES

Arabic

French

English

Spanish

Italian



## CENTRES OF INTEREST

Sports (Swimming, Football)

Musicien (Guitar player and music teacher)

Concerts and events orginazer

Social media Content creator

E-Commerce and Delivery

## SOCIALE COMPETANCE

Good aptitude of communication.

Leadership and Team Spirit.

sense of initiative.