



ALI AHMADI

MASTER STUDENT AT ECOLE NORMALE SUPERIEURE PARIS SACLAY AND
UNIVERSITY OF PADOVA

[LINKEDIN](#)

[KAGGLE](#)

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INTEREST

Research Interest: Machine learning, Deep learning, Computer vision, IoT, Robotic, Game Theory, Embedded systems, NLP, Reinforcement Learning, Time Series
Languages Skills: Python (Pandas, NumPy, Pytorch, Pinocchio, OpenCV), C, C++, Pspice, MATLAB, TensorFlow, statistics, Open Source, GitHub
Soft Skills: Leadership, Teamwork, Networking, adaptability, creativity, Resourcefulness

PROJECTS

* **Applying Generative Network (GAN)** to generate famous French painter paintings (Claudio Monet) image style (*Kaggle challenge*)

* Study and explore the limitation of **TROCR image to text** deep learning model (*internship*)

* **Classification of lymphocytosis**, distinguishing between reactive and tumoral cases using Deep learning (*Kaggle challenge*)

* Implementing **Image classification** with Resnet50 model (*Kaggle challenge*)

* Study and review **Reinforcement learning paper** for legged robots

* Implementing some **Machine learning and computer vision** projects during my courses

* I did **freelance programming** during COVID

* Implementing a portable device which measure temperature by Tem sensor and sending data via Bluetooth and showing in the application in the phone with **ARM Microcontroller** (Bachelor Thesis)

* Implementing pulse sensor using **Arduino microcontrollers** and LCD

EDUCATION

***ENS PARIS SACLAY UNIVERSITY • 2023-2024 • MASTER OF MVA**

Course: Deep learning, Deep learning for medical images, robotic, Fundamentals of reproducible research and free software Thesis and Short Internship

***UNIVERSITY OF PADOVA-ITALY • 2021-2024 • MASTER OF ICT IN INTERNET AND MULTIMEDIA**

Course: Game theory, IoT, Machine learning, Network science Artificial Intelligence, Embedded Real-time control

***FERDOWSI UNIVERSITY OF MASHHAD • 2016-2021 • BACHELOR OF ELECTRONIC ENGINEERING**

***UNIVERSITY OF TEHRAN • 2021-MASTER OF ELECTRONIC ENGINEERING • ABONDON**

EXPERIENCE AND AWARDS

***Research Intern at Sanofi(Vitry):Applying Ai to the Biology - June 2025**

***INTERN: USING DEEP LEARNING FOR CONTROLLING EXOSKELETON**

ROBOTS • ROBOTIC LABS OF ENS PARIS SACLAY (LURPA) & CIAMS LAB • 2024

APPLYING NN ON CONTROLLERS OF EXOSKELETON ROBOTS FROM APRIL TO AGUEST 2024

***INTERN IN COMPUTER VISION (OCR) • CENTRE BORELLI, ENS PARIS SACLAY • 2023**

WORKING ON DETECTING SCENE TEXT VIA INSTANCE SEGMENTATION AND OCR MODEL

***TEACHING ASSISTANT • FERDOWSI UNIVERSITY • 2018 • 2019**

Teaching Assistance in the course of C/C++ Programming for Bachelor students of the year 2019 the Ferdowsi University

INTERN • IRAN POWERPLANT REPAIRS COMPANY • SUMMER 2019

***TOP RANKING (TOP 0.1%) IN IRANIAN UNIVERSITY ENTRANCE NATIONAL EXAM**

***KHARAZMI YOUTH STUDENT CREATION AWARD WITH IDEA OF A CAR THAT WORKS WITH RENEWABLE FUELS**

CERTIFICATES

***Introduction to Generative AI by GOOGLE CLOUD**

<https://coursera.org/share/7ccc5cef1013ed67c8331a39007705b5>

***Image Processing with Python** - Coursera coursera.org/verify/D8VGPSMJGAF8

***Certificate of achievement - ICPC - International Collegiate Programming**

***Introduction to the Internet of Things and Embedded Systems by University of California, Irvine** Coursera coursera.org/verify/3BWSM7JQS72L

*** The Raspberry Pi Platform and Python Programming for the Raspberry Pi by University of California, Irvine** - Coursera

coursera.org/verify/KZR9N75AXHUV

*** CNC Programming course** - Iran Technical & Vocational Training

*** Generative AI: Introduction and Applications by IBM**

<https://coursera.org/verify/UDBNU041XTRJ>