Leonardo Borgioli

Master II student

Born on 27/02/1997 in Boulogne-Billancourt

Nationalities: French and Italian

Education

2020-2022 (in progress) — **European double degree MASTER on Advanced Robotics (EMARO+)**
Ecole Centrale Nantes & Università degli studi di Genova

2017-2020 — **Bachelor of Electronic, electrical and automatic energy (EEA)**
Sorbonne University – *Paris, France*

2016-2017 — **Physics and Chemistry major (PCGI)**
Sorbonne University – *Paris, France*

2015-2016 — **Participation in the PACES – Medical selection**
University Paris Diderot – Paris, *France*

2011-2015 — **Double Baccalaureate – Scientific major**
French and Italian Leonardo Da Vinci high school,
Graduated with honors - *Paris*

Professional experiences and projects

2021 2 months — **Consultant in Neural Network Study**
Digisky, Turin, Italy
Feasibility study of Neural Network algorithms for image classification and segmentation.

2021 1 month — **Academic project: Development Foldable Drone**
Ecole Centrale Nantes, France
Reproduction of the study D. Falanga, K. Kleber, S. Mintchev, D. Floreano and D. Scaramuzza,"The Foldable Drone: A Morphing Quadrotor That Can Squeeze and Fly," in IEEE Robotics and Automation Letters, vol. 4

2019 2 months — **Traffic Manager/Web Marketing**
WannaDream, Turin, Italy
Google and LinkedIn Web marketing campaign development with a special focus on google ad.

Extracurricular Activities

7 years — **Krav-Maga, Thaï Box (blue belt)**
CFKM – Paris, France

2010 – to this day — **Scuba diving**
Advanced diploma in PADI

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Skills

- ✓ VR and AR modelling (Ue4, Unity).
- ✓ Serial robots modelling.
- ✓ Mobile robots modeling.
- ✓ Drones modelling.
- ✓ Optimization algorithms (Matlab toolbox, linear and dichotomous).
- ✓ Machine Learning.
- ✓ Open and closed loop system analysis, state space representation.

Softwares

- ✓ Simulink, MATLAB
- ✓ VHDL
- ✓ Python (Sklearn, numpy)
- ✓ C & C++ Language
- ✓ Ros Framework

Languages

French & Italian
●●●●●
Native

English
●●●●○
Fluent