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# RESEARCH JOB POSITION IN ARTIFICIAL INTELLIGENCE

from November 2021

Experienced Computer Scientist and Artificial Intelligence Scientist specializing in Artificial Intelligence at École Polytechnique.

## Education

## Subjects

2019-2021	<b>École Polytechnique (France)</b> Master in Artificial Intelligence and Advanced Visual Computing	Machine Learning; Deep Learning; Constraint based modelling; Image Analysis; Computer Graphics; Computer Animation; Reinforcement Learning; Statistics; Geometry and topology in arbitrary dimensions; Natural Language and Speech Processing; Advanced 3D Graphics; Computer Vision; Robotics; Virtual/Augmented Reality & 3D Interactions; Socio-emotional embodied conversational agents.
2014-2017	<b>Università di Padova (Italy)</b> Bachelor in Computer Science	Programming; Operating Systems; Networks and Security; Data Base; Algorithms and Data Structure; Software Engineering; Web Technologies; Machine Learning 1; Data Mining; Calculus; Algebra; Logic, Probability and Statistics; Operational Research.

## Experience

## Skills and Endorsement

Apr 2021 - Sept 2021	<b>INRIA (France)</b> Deep Learning Researcher	6 months internship at INRIA, team LACODAM. With this position, we go beyond the current common visualization techniques to understand what an individual neuron or a layer of neurons is computing, by focusing on groups of neurons commonly highly activated when a network is misclassifying on a set of examples.
Apr 2020 - Sept 2020	<b>Amadeus SAS (France)</b> Data Scientist	5 months internship at Amadeus. The project was completed successfully and aimed to find a machine learning and a deep learning model able to forecast the Customer Lifetime Value based on travelers' characteristics and purchase behavior.
2018-2019	<b>SOGEA S.R.L (Italy)</b> Software developer	Permanent job contract as software developer. I developed applications for more than 100 clients.
2018-2018	<b>SOGEA S.R.L (Italy)</b> Software developer	3 months internship spent developing a production management application for a multinational in the Fast Fashion industry.
2017-2018	<b>Studio Com.unica (Italy)</b> Web developer	Project contract as a full stack developer inside the startup. I brought my contribution to project Mode in terms of system development.

**Main Programming Languages and Frameworks:** C++, Python, Java, SQL, MongoDB, C#, Tensorflow, Pytorch

**Languages:** French (C2), English (B2), Italian (C2)