Marc
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in MARC BATAILLOU ALMAGRO
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Professional experience

UPC
Research & Development
BARCELONA, 9/2017–NOW

- Analysis of the propagation of stochastic errors through non-linear systems of equations.
- Development of a deep learning algorithm to automate an industrial process through image recognition.

ASES
Director
BARCELONA, 6/2017–10/2017

Direction of the civil engineering, economics (ECO/ADE-ESADE/UB), and construction engineering department as well as the management of the marketing campaign of ASES, an academy of excellence for students of the different colleges of Barcelona and Terrassa.

MOONA
Product development
PARIS, 9/2016–2/2017

Implementation and improvement of different management temperature algorithms. Use of Machine learning and optimization algorithms.

ASES
Professor of Calculus and Algebra
BARCELONA, 9/2014 – 6/2015

Professor of Calculus and Algebra in an academy of reinforcement and excellence aimed for students of the Polytechnic University of Catalunya (civil engineering)

Projects

SANOFI
Paris, 9/2015 – 6/2016

Analysis and resolution of a complex problem through a project linking l'école CentraleSupélec (cursus centrale) and Sanofi.

SMARTREX
Paris, 2/2017 – 6/2017

Development of an unsupervised learning algorithm in order to solve two complex systems (games).

Associations

NOVA
Member

"At Nova, we enable top talent to share, learn and connect with one another in an exclusive trusted community in order to create real and positive value in the world today."

Education

ECOLE CENTRALE PARIS
BACHELOR & MASTER
2015-2017
Ingénieur généraliste
Double degree program with UPC.

UPC
BACHELOR & MASTER
2013-2015
2017-2019
Civil Engineering
BACHELOR: 9.6/10
MASTER: 9.8/10

PARIS DAUPHINE
BACHELOR
2016-2017
Applied Economics
Bachelor in parallel with my studies at CENTRALE PARIS

Personal Development

CS50 — MOOC
HARVARD UNIVERSITY
Computer Science

CS229 — MOOC
STANFORD UNIVERSITY
Machine Learning

CS231N — MOOC
STANFORD UNIVERSITY
Computer Vision

TUTOR — VOLUNTEER
2011–2013

Weekly support, volunteer, and opened to students having difficulties in the scholar frame.

Languages

SPANISH	MOTHER TONGUE	FRENCH	MOTHER TONGUE
ENGLISH	C1	CATALAN	MOTHER TONGUE

Software

ADVANCED	PYTHON – LaTeX
MEDIUM	R – JAVASCRIPT – C – MATLAB – HTML – NODE.JS – GIT
BASIC	ARCGIS – JAVA – CAD

Sport

BOXING	Training and *university competition*
FOOTBALL	Training and *university competition*