



Alejandro Valverde Mahou

Profile

Hardworking Student that loves machine learning, artificial intelligence and research and development. Background in Computer Science and Engineering, pursuing a master to continue his studies specializing in Data Science, Deep Learning and Optimization Algorithms.

Education

MSc Eng in Human-Centered Artificial Intelligence, Technical University of Denmark, Copenhagen

September 2021 - July 2023

Focus on Artificial Intelligence, Deep Learning and Data Science, with multiple courses in Optimization and Algorithms.

Bachelor in Computer Science and Engineering, Universidad Carlos III de Madrid, Madrid

September 2017 - July 2021

Took the Computer Science Minor with focus on Artificial Intelligence. Bachelor thesis in Generative Adversarial Networks, awarded with a 10/10 with Honors.

Internships

FrontEnd developer at Global Incubator, Madrid

June 2020 - September 2020

Worked in a Front End development project that involved Agile development. In charge of implemented multiple web components using the React framework and REST APIs.

Extracurricular Activities

Madrid's COVID-19 Hackathon, Madrid

April 2020

Hackathon proposed by the Community of Madrid to come up with ideas to fight against the pandemic. We worked in a group of students proposing a Deep Learning approach to fast detect patients with the disease.

Hockey Coach at Club Patinaje Línea Madrid, Madrid

September 2017 - July 2019

Train and coach an inline hockey team of children between 5 and 10 years old, where I learned to multitask, how to properly manage time and pedagogical abilities.

IBM Hackathon with UC3M

May 2019

Google HashCode

February 2019

Hobbies

Hockey and sports in general, reading, learning algorithms and techniques for applying them to my own projects as well as learning in general about new things, travelling and discover new cities and cooking.

Details

avalverdemahou@gmail.com

+34 654 51 67 26

Links

[LinkedIn](#)

[GitHub](#)

[Personal WebPage](#)

Languages

Spanish



English



Cambridge English: Advanced (CAE)
2020

Competences

Deep Learning

Data Visualization

Data Science

Optimization Algorithms with Heuristics
and Metaheuristics

Genetic and Evolutionary Algorithms

Complex Problem Solving

FrontEnd Development

MLOps

Programming

Languages

Python

Julia

C/C++

HTML, CSS & JavaScript

Frameworks

TensorFlow, PyTorch & Scipy

Data Analysis and Visualization
Libraries (NumPy, Matplotlib, Plotly,
Dash, Pandas)

Angular

React

Godot

Git & GitHub

Overleaf & LaTeX

Jupyter Notebook & Google Colab