

Omar López Rubio



Barcelona, Barcelona, 08036



<https://norhther.github.io/blog/>



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Computer scientist familiar with gathering, cleaning and organizing data for use by technical and non-technical personnel. Understanding of statistical, algebraic and other analytical techniques. Highly organized, motivated and diligent.



Skills

Remote learning
Data visualizations
R, C, C++, Java and Python proficiency
Statistical analysis
Machine Learning
Data Mining
Team Building
Intelligence gathering



Work History

2019-12 - Current

Programming Tutor

Freelance, Barcelona, Barcelona

- Educated students on study tips and exam strategies.
- Responded to after hours email and telephone requests to provide students assistance with specific questions.
- Prepared lesson plans to meet goals identified in students' individualized study plans.
- Worked with college students in classrooms, small study areas or home environments to provide educational support.
- Taught courses in Algorithmics, Computational Complexity, ML and Programming Paradigms (OOP, Functional...)
- Delivered courses using Python, R, C/C++ and Java.
- Managed over 50 students

2019-12 - 2020-03

Software Programmer

Federació Catalana D'Esgrima, Barcelona, Barcelona

- Designed and implemented Skore, application written in NodeJs to act as visual scoreboard for fencing matches.
- Monitored networks and network devices to resolve technical problems.
- Resolved network protocol problems between fencing apparatus and Raspberry Pi

2018-08 - 2018-10

Technology Consulting Analyst

Accenture, Barcelona, Barcelona

- Acted as as link between ML team of Barcelona and Madrid.
- Led Optical Character Recognition team in delivery of complex information extraction project, resulting in the bases for tools for ML document classification.
- Resolved compatibility problems using several languages, like Python and C++.

2018-04 - 2018-07

Regular Contractor

Accenture, Barcelona, Barcelona

- Designed and developed Machine Learning documentation and analytical data structures for the company.
- Provided computer programming subject matter expertise to project team members.



Education

2014-09 - 2019-09

Bachelor Degree: Informatics Engineering

Universitat Politècnica De Catalunya - FIB - Barcelona

- Specialisation in Computation
- Pending of sending thesis (intention of studying another career)



Hobbies

In my spare time I enjoy playing classical guitar and also fencing (current ranking 150 of Spain)



Additional Information

I have a small portfolio of my work at <https://norhther.github.io/blog/>