Omar López Rubio

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| |  |  | | --- | --- | |  | Barcelona, Barcelona, 08036 |  |  |  | | --- | --- | |  | 682 647 769 |  |  |  | | --- | --- | |  | omarlopezrubio@gmail.com | | |  |  | | --- | --- | |  | https://norhther.github.io/blog/ | |

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.

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|  | **Skills** |

Remote learning

Data visualizations

R, C, C++, Java and Python proficiency

Statistical analysis

Machine Learning

Data Mining

Team Building

Intelligence gathering

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|  | **Work History** |

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| 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. * Teached courses in Algorithmics, Computational Complexity, ML and Programming Paradigms (OOP, Functional...) * Delivered courses using Python, R, C/C++ and Java. * Managed over 50 students |

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| 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 |

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| 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++. |

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| 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. |

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|  | **Education** |

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| 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) |

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|  | **Hobbies** |

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

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|  | **Additional Information** |

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