



Gonzalo Recio Domènech

Computer scientist

- 9 November 1996
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About me

I have group work skills and ability to create a good atmosphere to work and make people participate in a project to achieve good results. Motivated on new technologies and trends on tech and computer science fields. I enjoy learning and diving into new things. Love travelling and learning about other cultures.

Languages

- Spanish - Native level
- Catalan - Native level
- English - C1 level, CAE
- French - A2 level, DELF
- Czech - A1 level

Skills

Programming: Python, C, C++, Java, Matlab, R, SQL, Javascript, HTML/CSS, Haskell, Prolog

ML/DL Frameworks: TensorFlow, Keras, PyTorch, SciKit-learn

Development Frameworks: Django, Spring, NodeJS, Angular, Vue, React, Ionic, Android

Software Development: Agile, SCRUM, testing tools, Git (version control)

Areas of Interest

Machine Learning and Data Mining, Deep Learning, Computer Vision, Probability and Statistics, Operations Research and Optimization, Quantum Computing, Algorithmics and Computing Complexity.

Education

2019-2020	Master in Artificial Intelligence (MAI-UPC) Majoring in Deep Learning and Computer Vision	Barcelona
Feb-Jun 2019	Informatics Engineering (Czech Technical University) <i>Student Mobility Programme (Erasmus+).</i>	Prague
2014-2019	Informatics Engineering Degree (FIB-UPC) Majoring in Computer Science	Spain
2012-2014	European Baccalaureate (INS Ernest Lluch) With qualification of "High Honors"	Barcelona

Publications and citations [Google Scholar Profile](#)

2018	Simulation assessment of the new generation navigation strategies. (link)
2018	Barcelona Virtual Mobility Lab: the multimodal transport simulation testbed for emerging mobility concepts evaluation. (link)
2018	Impact on network performance of probe vehicle data usage: an experimental design for simulation assessment. (link)

Awards

Nov. 2018	HackEPS 2018, Lleida (Spain) (link) WINNER Josep M. Ribó prize
Oct. 2018	HackaTown 2018, Barcelona (Spain) (link) WINNER symbIoTe - Enabler challenge prize
Oct. 2018	RailMapChallenge 2018, Barcelona (Spain) (link) WINNER 1 st prize
Sep. 2018	ZooHackathon 2018, Madrid (Spain) (link) WINNER 2 nd prize

Experience

2019-now	Junior Researcher at inLab FIB , Universitat Politècnica de Catalunya. Implementation of routing algorithms and ML models for prediction.
2016-2019	Junior Researcher and Software developer at inLab FIB , Universitat Politècnica de Catalunya. Projects involved: <ul style="list-style-type: none"> ▪ ATTE: a software to manage vehicle fleets to offer mobility services to people with reduced mobility. Currently used by City Council of Barcelona. <ul style="list-style-type: none"> • Implementation of a metaheuristic algorithm for the VRPPDTW (my final degree tesis, link). ▪ Barcelona Virtual Mobility Lab: development of a fully multimodal transport model, within the framework of the CARNET initiative and in collaboration with SEAT and PTV IBERIA. ▪ Barcelona, Smart Shuttle Pilot: collaboration in the Demand Responsive Transport Study that was being carried out in Barcelona by a group of CARNET partners.
2014-2016	Private teacher for highschool students.

Other information

Self-developed Mobile Apps - [Google Play App Developer Profile](#)