Aitor **Ortiz de Latierro**

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Education

Universitat Politècnica de Catalunya (UPC) - FIB   *Barcelona, Spain*

M.D. in Innovation and Research in Informatics   *2018 -*

- Specialization in *Data Science*.

Universitat Politècnica de Catalunya (UPC) - FIB   *Barcelona, Spain*

B.S. in Computer Science   *2013 - 2017*

- Coursed via *Centre de Formació Interdisciplinària Superior* (CFIS).
- Final project: "Efficient Learning using Kernelized Associative Memories" (A with honors).

Universitat Politècnica de Catalunya (UPC) - ETSETB   *Barcelona, Spain*

B.S. in Telecommunications Engineering   *2012 - 2017*

- Coursed via *Centre de Formació Interdisciplinària Superior* (CFIS).

Work

Mapgenia   *Barcelona, Spain*

Data Scientist   *Oct. 2019 -*

- Developing predictive & prescriptive sales models with diverse time horizons and territory hierarchies.
- Implementing metaheuristic algorithms for territory alignment & optimization.

Arcvi   *Barcelona, Spain*

Data Scientist   *Mar. 2017 - Jun. 2017*

- Developed predictive and explanatory models of web-visitors behaviour like click probability and subscription look-alike.
- Implemented a prototype of an assignment adaptive optimization system with different constraints and heuristics.

Honors

2019	**Digital Healthcare Hackathon**, First place. Awarded by Accenture Digital & Hospital Clínic.
2018	**Novartis Datathon**, Second place. Awarded by Novartis & Eurecat.
2018	**BCN AQ Datathon**, Creativity prize. Awarded by Barcelona Supercomputing Center & BCNAnalytics.
2016	**2nd BCN Datathon**, Best prediction model. Awarded by SocialPoint & BCNAnalytics.
2015	**1st BCN Datathon**, Second best prediction model. Awarded by SocialPoint & BCNAnalytics.
2013	**ETSETB**, Second best initial year academic record prize. Awarded by everis.
2013	**CFIS**, Admission to a UPC center of excellence that offers interdisciplinary studies combining 2 bach. degrees.

Projects

MirrorAid

Team Leader   *Sep. 2015 - Jan. 2016*

- Software tool to improve the therapy sessions of peripheral facial paralysis-affected patients.
- Organized and developed the real-time video processing and face detection components using C++ *dlib* library.
- Project within the *Advanced Engineering Project* course at ETSETB collaborating with the Bellvitge Biomedical Research Institute.

AmpWorks

Team Leader   *Sep. 2014 - Jan. 2015*

- Toolbox to characterize/simulate power amplifiers and improve digitally sound files using an equalizer.
- Organized the project and developed the power amplifier characterization component using Matlab.
- Project within the *Basic Engineering Project* course at ETSETB.

Skills

Tech	Algorithms, Distributed Computing, Game Theory, Machine Learning and Optimization
Prog	C++, Go, Julia, Python, R and SQL
Lang	Native: Catalan and Spanish · Professional: English