

Laura Portell Penadés

B. Sc. in Mathematics, B. Sc. in Computer Science and M.Sc. in Data Science with 5 years of experience as a researcher and data scientist.

EXPERIENCE

Barcelona City Council, Barcelona— Optimization Researcher

SEPTEMBER 2020 - PRESENT

Mobility Optimization for Social Care Services - Extend mathematical models and algorithms from Operations Research and Machine Learning to the Social Care sector.

DataForGoodBCN, Barcelona— Board Member

FEBRUARY 2020 - PRESENT

Volunteer. DataForGoodBCN is an independently-run charity that upholds the vision of using data in the service of humanity. We help charities and social enterprises in their data journey through the execution of projects, mentoring sessions, divulgation events and training sessions.

Eurecat, Barcelona— Researcher and Data Scientist

FEBRUARY 2018 - JULY 2020

Involved in end-to-end projects using advanced analytics, machine learning, natural language processing, predictive modelling, and big data environments.

The University of Vic, Barcelona— Assistant Researcher

APRIL 2017 - DECEMBER 2017

Research in Computational Neuroscience. Development of algorithms and tools using eye trackers to detect changes in brain activity.

Grupo Generali, Barcelona— Junior Data Analyst

OCTOBER 2016 - MARCH 2017

Statistical analysis of relational databases.

The University of Barcelona, Barcelona— Junior Assistant Researcher

SEPTEMBER 2015 - JULY 2016

Research in Learning Analytics using machine learning algorithms

EDUCATION

Pompeu Fabra University, Barcelona— PhD Student in Mobility Optimization

2020 - PRESENT

The University of Barcelona, Barcelona— M.Sc. in Foundations of Data Science

SKILLS

Professional problem solver with analytical and critical thinking.

Efficient project and time management.

A natural collaborator with extensive teamwork experience.

Leadership.

Positive and enthusiastic attitude.

Programming languages: Python, Spark, C, C++, SQL, Elasticsearch, Java, Matlab.

Tools: Tensorflow, Keras, Jupyter, Zeppelin, Kibana.

AWARDS

Big Data Congress Talent Award for the best work in the M.Sc. Thesis category (2018)

Grant of the Teaching Innovation Group to perform 6 months of research at the University of Barcelona (2015)

LANGUAGES

Mother language: Catalan and Spanish.

Fluent in German.

Fluent in English.

Basic in French.

2016 - 2017

The University of Barcelona, Barcelona— B. Sc. in Mathematics

2010 - 2016

The University of Barcelona, Barcelona— B. Sc. in Computer Science

2010 - 2016

Escuela Suiza / Schweizerschule, Barcelona

1995 - 2010

PUBLICATIONS

A Text Mining Approach to Extract and Rank Innovation Insights from Research Projects, *Web Information Systems Engineering – WISE 2020*

OCTOBER 2020

Analysis of Vocational Education and Training and the Labour Market in Catalonia. A Data-Driven Approach, *Machine Learning and Knowledge Discovery in Databases. ECML PKDD 2019*

MARCH 2020

Towards Objective Description of Eating, Socializing and Sedentary Lifestyle Patterns in Egocentric Images, *Applications of Egocentric Vision Workshop (EgoApp), British Machine Vision Conference (BMVC) 2019*

SEPTEMBER 2019

Analyzing First-Person Stories Based on Socializing, Eating and Sedentary Patterns, *ICIAP 2017*

SEPTEMBER 2017