Bernat Esquirol Juanola

bernatesquirol@gmail.com

devpost/bernatesquirol | observablehq/bernatesquirol | github/bernatesquirol

Education

Universitat de Barcelona, Barcelona, Spain

September 2019 - June 2020

- Master in the Fundamental Principles of Data Science

2014-2019

- Bachelor in Mathematics
- Bachelor in Computer Science

EPFL, Lausanne, Switzerland

February 2018 - July 2018

- Exchange program at Computer Science Section

Work experience

February 2020 -
Data scientist, bestiario

January 2020 - July 2020
Researcher, Institute of Complex Systems (UBICS)

July 2019 - December 2019
Front-end developer, bestiario

July 2018 - June 2019
GIS data analyst, PDU, Àrea Metropolitana de Barcelona (AMB)

February 2018 - June 2018
Scratch teacher, TechSpark Academy

July 2015 - September 2016
Full-stack developer, Getupcode.com

February 2016; February 2017
IT technician, MWC @ Fira Barcelona

Papers

February 2020 - June 2020
Characterizing Twitter users behaviour during the Spanish Covid-19 first wave, with Luce Prignano, Albert Díaz-Guilera, Emanuele Cozzo @ Institute of Complex Systems (UBICS)

February 2019 - June 2019
Data flow control framework for indicator-based policy making: an urban planning example, with Javier Ortigosa @ AMB
A tool based on draw.io to document and control the data flow of an indicator-based policy in the urban planning environment

February 2018 - May 2018
Distributed Asynchronous SGD
Implementation of asynchronous stochastic gradient descent to optimize a support vector machine (3-group project) @ EPFL

Hackathons

April 2020: Participant @ MUV Datathon

April 2020: 7th position @ Hackovid

March 2020: Winner @ MUV Hackathon Barcelona

November 2019: Winner @ Novartis datathon

May 2019: Winner @ Barcelona Copernicus Hackathon

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