

Bernat Esquirol Juanola



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[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](#)
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Work experience

February 2020 - January 2021

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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