

Bernat Esquirol Juanola



bernatesquirol@gmail.com | devpost/bernatesquirol | [github/bernatesquirol](https://github.com/bernatesquirol)

Education

Universitat de Barcelona, Barcelona, Spain

2014-2019

- Bachelor in [Mathematics](#)
- Bachelor in [Computer Science](#)

September 2019 - June 2020

- Master in the [Fundamental Principles of Data Science](#)

EPFL, Lausanne, Switzerland

February 2018 - July 2018

- Exchange program at [Computer Science Section](#)
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Work experience

February 2016; February 2017

IT technician, [MWC](#) @ Fira Barcelona

July 2015 - September 2016

Full-stack web developer, [Getupcode.com](#)

February 2018 - June 2018

Scratch teacher, [TechSpark Academy](#)

July 2018 - June 2019

GIS developer, [PDU, Àrea Metropolitana de Barcelona \(AMB\)](#)

July 2019 - December 2019

Front-end developer, [bestiario](#)

Papers

February 2018 - May 2018

[Distributed Asynchronous SGD](#): Implementation of asynchronous stochastic gradient descent to optimize a support vector machine (3-group project)

Other projects

February 2017 - May 2017

[Königs](#): Strategy game (3-group project)

Integrated software engineering, UB

September 2017 - January 2018

[Slimes](#): Turn-based multiplayer game (8-group project)

Software engineering, UB

April 2018 - May 2018

[SpotifAI](#): Data-viz (graph) of Spotify user's preferred and recommended artists

Human computer interaction, EPFL

December 2018

[Whatsapp Viz](#): Whatsapp chat's charts.

March 2019

[Poisson's equation](#): C resolution of the [Poisson's equation](#)

Numerical methods II, UB