Alejandro Jiménez Rico

Data Scientist

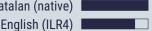
Profile Physicist forging a new path through Data Science.

Contact -

- aljrico@gmail.com
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- aljrico.github.io
- in linkedin.com/in/aljrico

Languages

Spanish (native) Catalan (native)



Interests

Professional

- Data Science
- Data Analysis
- Machine Learning </>
- Big Data
- Quantitative Finance

Personal

- 7 Music
- Gaming Œ
- 田 Cinematography
- **Graphic Design**
- Science

Education

PhD in Actuarial Mathematics

Cass Business School, London. 2018 - Present

Master of Science in Data Science & Mathematical Modelling

Universitat Autònoma de Barcelona, Barcelona, 2017 - 2018

Master of Science in Financial Mathematics

Universitat Autònoma de Barcelona, Barcelona. 2016 - 2017

Bachelor of Science in Physics

Universitat Autònoma de Barcelona, Barcelona. 2012 - 2016

Skills

R

PT-X

SQL **VBA**

Python Spark

C, C++

Experience

PhD Researcher

CASS BUSINESS SCHOOL, London. March 2018 - Present

Data Scientist

SOCIALPOINT, Barcelona. February 2018 - July 2018

- · Created and presented models for time series forecasting.
- · Applied A/B testing and decision tree analysis to identify causes for lower-than-usual retention.
- · Created automatic dashboards that tracked many models' accuracies in a daily basis.
- · Conducted thorough exploratory analysis identifying patterns and seeking useful features for Machine Learning models.
- All of the above was automated and beatifully wrapped up in pretty R Shiny Apps for more straightforward use.

Risk Analyst

CAIXA D'ENGINYERS, Barcelona. February 2017 - July 2017

In this experience in banking industry. I finally had the opportunity to my math and coding skills in real-world situations. During my time in this company, I managed to:

- Apply mathematical methods in assessing risk indicators.
- Handle large databases with limited computational resources.
- · Implement automatic scripts in order to deliver periodic reports faster and more accurately on tight deadlines.

Research Assistant

CSIC, Barcelona. February 2016 - September 2016

Participation in the 'CONECTA' campaing, a research project focused in the study of the evolution of little crustaceans grub in the Mediterranean Sea. I have also helped in the developement of simulation models involving the dynamic processes of internal waves over continental slopes.

Working with such unbelievable professionals helped me to understand the importance of being detail-oriented and rigorous with your projects. Furthermore, working in my own project told me how to pull the chestnuts out of the fire by myself in many situations; developing the tough skill of getting things done.