

Alejandro Jiménez Rico

Data Scientist

Contact

📍 London

✉ aljrigo@gmail.com

☎ 077 319 100 80

🌐 aljrigo.github.io

🌐 linkedin.com/in/aljrigo

Languages

Spanish (native) ██████████

Catalan (native) ██████████

English (ILR4) ████████

Interests

👤 Professional

📊 Data Science

📈 Data Analysis

</> Machine Learning

☁ Big Data

🎮 Free to Play Gaming

📈 Quantitative Finance

👤 Personal

🎵 Music

🎮 Gaming

🎬 Cinematography

🖌 Graphic Design

🎓 Science

🎓 Education

- **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	●●●●○ \LaTeX
●●●●● SQL	●●●●○ Python
●●●●○ VBA	●●●○○ C++

👜 Experience

- **Data Scientist & Product Manager**
SUPERSOLID, London. January 2019 – PRESENT
I was responsible of leading the shift to a more data-driven Product Management, focusing in the content creation of live free-to-play games. Some of my achievements in this role include
 - Conducting and analysing many A/B tests, using parametric and non-parametric hypothesis testing.
 - Build time-series forecasting models, with both ARIMA models and Recurrent Neural Networks, used to assess the impact of new features.
 - Constructing automatic data pipelines from Google Cloud through BigQuery.
 - Modelling and pricing optimisation for IAPs (In-app-purchases) and in-game items. This helped to improve daily revenue by 30%
 - Guide and supervise Junior Data Scientists
- **PhD Researcher**
CASS BUSINESS SCHOOL, London. July 2018 – January 2019
Took part in a research project aimed at optimising of long term investments such as savings and insurances.
 - Built highly efficient simulations with C++.
 - Analyse and model the result of the simulations with R and Rcpp.
- **Data Scientist**
SOCIALPOINT, Barcelona. February 2018 – July 2018
From the beginning of experience with this videogame company, I focused on developing data pipelines and models using R. Among other things, I managed to
 - Create and present time series forecasting models to measure the impact of marketing campaigns.
 - Analyse A/B tests results.
 - Create automatic dashboards that tracked ML models' performance
 - Conduct Exploratory Data Analysis to enrich for Machine Learning Models.
- **Data Analyst / Risk Analyst**
CAIXA D'ENGINYERS, Barcelona. February 2017 – July 2017
During my time in this company, I managed to:
 - Apply mathematical methods in assessing risk indicators, using R.
 - Handle complex datasets with limited computational resources, using R.
 - Automate - using VBA - the delivery periodic risk reports faster and more accurately on tight deadlines.
- **Data Analyst / Research Assistant**
CSIC, Barcelona. February 2016 – September 2016
Participation in the 'CONNECTA' campaign, a research project focused in the study of the evolution of little crustaceans grub in the Mediterranean Sea.
 - Developed Python code to simulate fluid dynamics equations