

# Julián Lopez Baasch

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Av. Libertador 5386 1º | CP1426 Buenos Aires, Argentina

I am an economist turned full stack Data Scientist who loves building and delivering machine learning solutions. I'd love to combine my passion for science and technology with my software development skills to continue building data driven products.

## EDUCATION

### UNIVERSITAT POMPEU FABRA

#### MSC. IN INTELLIGENT SYSTEMS

2018 - 2019 | Barcelona

Thesis: Estimating Loss Aversion in Human Behavioural Data: A Bayesian Approach Using Reinforcement Learning

### UNIVERSIDAD DI TELLA

#### MSC. IN ECONOMICS

2011 - 2013 | Buenos Aires

#### LICENCIATE IN ECONOMICS

2006 - 2010 | Buenos Aires

Minor in Mathematics and Statistics

### SAN MARTÍN DE TOURS

#### BACHILLER

1992 - 2005 | Buenos Aires, Argentina

## COURSES & MOOCS

- Deep Learning from the Foundations (fast.ai)
- Practical Deep Learning for Coders (fast.ai)
- Deploy Machine Learning & NLP Models with Dockers (DevOps) (Udemy).
- TensorFlow: Data and Deployment (deeplearning.ai)
- Neural Networks and Deep Learning (deeplearning.ai)

## LINKS

Personal: [julianlopezb.github.io](https://github.com/julianlopezb)  
LinkedIn: [julianlopezba](https://www.linkedin.com/in/julianlopezba)  
Github: [JulianLopezB](https://github.com/JulianLopezB)  
Kaggle: [julianlb](https://www.kaggle.com/julianlb)

## SKILLS

Machine Learning • Deep Learning • NLP  
• Computer Vision • Web Mining •  
Econometrics • Reinforcement Learning •  
Social Network Analysis

## TOOLKIT

Python: PyTorch, TensorFlow, Keras,  
fast.ai, SciKit-Learn, PySpark,  
GraphFrames, NetworkX, SNAP  
Matlab, Gephi  
JavaScript, D3.js

## WORK EXPERIENCE

### MGRANA | MACHINE LEARNING CONSULTANT

December 2019 - | Buenos Aires

- Assisting in the feature engineering and integration of features into the machine learning pipeline.
- Built a NLP based clustering model of mobile texts data points.

### BANCO GALICIA | SR. DATA SCIENTIST

November 2019 - | Buenos Aires

- Building a data science team with the goal of designing, executing and delivering data products using company data and third-party sources.
- Trained and deployed NLP models for multiclass and multilabel classification of comments and posts in social networks (Twitter, Instagram and Facebook).
- Generate and track social listening metrics.

### PRESIDENCY OF THE NATION | DATA ANALYST

July 2016 - August 2018 | Buenos Aires

- Worked with a team responsible for concentrating all possible data generated by government agencies.
- Modeled social problems and generated insights through the traces left by it's associated data.

### DIRECTV LATIN AMERICA | ECONOMETRICS ANALYST

March 2014 - June 2016 | Buenos Aires

- Responsible for implementing analytical solutions to various datadriven problems related to Customer Experience regional office.
- Developed a model for measuring repeated TV content between channels based on Jaccard Index.
- Implemented a predictive model of prepaid recharges based on media, sports and social events.
- Deployed a logistic regression model to predict the level of satisfaction based on the customer journey records.

## RESEARCH EXPERIENCE

### U POMPEU FABRA, AI ML GROUP | RESEARCH ASSISTANT

December 2018 - July 2019 | Barcelona

- Realization of a MSc. Thesis under supervision of PhD. Martí Sánchez-Fibla (Artificial Intelligence and Machine Learning group)

### U DI TELLA, BUSINESS SCHOOL | RESEARCH ASSISTANT

September 2013 - March 2014 | Buenos Aires

- Worked under PhD. Nicolás Merener supervision.
- Developed a Matlab framework to extract implied distributions of commodities from options prices.
- Corrected exams of 'Futures, Options and Swaps' course of the MS in Finance program.