


Cristian PEREZ BROKATE

Data Scientist

 cristianpb.github.io

 cristian_brokate at hotmail.com

 Paris, France




Experience

Data Scientist

[Kernix](#)

 Jan. 2017 - present

 Paris, France


Develop entire data products and analysis using data science tools:

- Prediction models for finance and insurance French companies
- Deep learning models for object detection
- Time series prediction using LSTM model for robotics application
- Implement a recommendation system for high rate ads website
- Development of a dashboard for social networks analysis using NLP
- Experience with SQL and NoSQL DB (MongoDB, MySQL, Neo4j)

Content volunteer expert

[CityAI Paris](#)

 May 2018 - present

 Paris, France

Volunteer representation of the Paris community regarding the international community of City AI

- Writing content about AI and the Paris ecosystem
- Development of an application to search and filter from over 30k sources to obtain highlights in AI
- Map AI companies that use AI using crunchbase API

Technical expert

[Global Startup Weekend on Artificial Intelligence](#)

 Nov 2017 - present

 Paris, France

- Development and maintenance of globalswai.co website with AMP standard using jekyll and bulma.
- Development of a tweet wall using mongoddb, angular and nodejs

PhD candidate

[Atomic Energy and Alternative Energies Commission \(CEA\)](#)

 Oct. 2013 - Oct. 2016 (3 years)

 Saclay, France


Corrosion modelling using stochastic methods at a mesoscopic scale

- 6 scientific publications in international peer reviewed journals
- Parallel programming using CUDA language
- Data analysis and visualization using python, gnuplot and R

Part time

Substitute teacher

 2014 - 2016

 Paris, France

[École Nationale Supérieure des Chimie de Paris](#)

Teaching of practical courses on thermodynamics (heat exchangers and centrifugal pumps)

Education

PhD in Physical chemistry

[Université Pierre et Marie Curie](#)

 2013-2016

Master in Materials,
Processing and Modelling

[École Nationale Supérieure des Mines de Paris](#)

 2012-2013

Engineer + Master in
Materials and Production

[École Nationale d'Ingénieurs de Metz](#)

 2010-2012

Engineer in Mechanical
engineering

[Universidad Industrial de Santander, Colombia](#)

 2007-2010

Awards

Roberto Rocca Fellowship  2015

[Roberto Rocca Education Program](#)

Awarded to exceptional university graduates from developing countries to help fund PhD studies.

Languages

English  French  Spanish 

Technical Stack

Data Science:



Data Eng:



Web visualizations:



Systems:

