




Cristian PEREZ BROKATE

Data Scientist / Data Engineer



 cristianpb.github.io

 cristian_brokate at hotmail.com



 Paris, France



Experience

Entrepreneur d'intérêt général  Feb. 2019 - present  Paris, France
[French Interior Ministry](#)

Implement image recognition algorithms using deep learning for the French National agency for automated offence processing (ANTAI)

Data Scientist  Jan. 2017 - Jan 2019 (2 years)  Paris, France
[Kernix](#)

- Develop a scoring model for finance and insurance French companies
- Implement a deep learning object detection algorithm for a British startup
- Develop a movement prediction model for a robot using a LSTM model
- Create a recommendation system for French bank website

PhD candidate  Oct. 2013 - Oct. 2016 (3 years)  Saclay, France
[Atomic Energy and Alternative Energies Commission \(CEA\)](#)

- Corrosion modelling using stochastic methods at a mesoscopic scale
- 6 scientific publications at international peer reviewed journals
 - Parallel programming using CUDA language in NVIDIA GPU
 - Data analysis and visualization using python, gnuplot and R

Part time

Content volunteer expert  2018 - present  Paris, France
[CityAI Paris](#)

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

- Write content about AI and the Paris ecosystem
- Develop an application to search and filter from over 30k sources to obtain highlights in AI

Technical expert  2017 - 2018 (1 year)  Paris, France
[Global Startup Weekend on Artificial Intelligence](#)

- Development and maintenance of globalswai.co website
- Develop a tweet wall using mongodb, angular and nodejs

Substitute teacher  2014 - 2016 (2 years)  Paris, France
[École Nationale Supérieure des Chimie de Paris](#)

Teach 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:

