

Marc Garcia

datapythonista.github.io

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python fellow / pandas core dev / data scientist

Experience

- Apr 2018 - **Contractor data scientist, Tesco, London.**
 - now Supervised machine learning and optimization applied to pricing.
Technologies: Python, pandas, pyspark, sklearn, pulp
- 2017 **Senior data scientist, Badoo, London.**
 - (1y) Predictive models for digital marketing and fraud.
Technologies: Python, pandas, scipy, sklearn, bokeh, datashader
- 2016 **Contractor data engineer, Bank of America Merrill Lynch, London.**
 - (6m) Development of data pipelines for the middle office.
Technologies: Python, Quartz
- 2015-2016 **Lead data scientist, Logitravel, Mallorca.**
 - (2y) Leading a team of 3. Digital marketing campaign optimization for hotels.
Technologies: Python, pandas, sklearn, bokeh.
- 2012 **Lead Python developer, NTT Communications, Barcelona.**
 - (1y) Leading a team of 4. Building a platform to manage hosting infrastructure.
Technologies: Python, Django, MySQL.
- 2005-2013 **Contractor Python developer, Barcelona.**
 - (8y) Main projects:
 - **Unilever** Application for hospitality section sales force.
 - Technologies: Python, Django, JavaScript.
 - **Caixabank** Website to manage school visits to museums owned by the bank.
 - Technologies: Python, Django, JavaScript.
- 2001-2005 **Software developer, consulting, Indra), Barcelona.**
 - (4y) Software developer and team lead for varios projects, mainly in the banking sector.
 - Technologies: Visual Basic, C++, MS SQL Server, Cognos.

Education

- 2014 **International Master in Finance, EADA Business School, Barcelona.**
- 2013 **Master in Artificial Intelligence, UPC, Barcelona.**
- 2011 **Computer Engineering, UOC, Barcelona.**

Languages

Fluent in English, Spanish, Portuguese and Catalan

Professional development

- 2012 **Introduction to computational finance and financial econometrics**
Coursera (University of Washington), 10 weeks
- 2012 **Introduction to Finance**, Coursera (University of Michigan), 10 weeks
- 2012 **Introduction to Statistics**, Udacity, 7 weeks
- 2012 **Machine Learning**, Coursera (Stanford University), 10 weeks
- 2011 **Introduction to Artificial Intelligence**, Udacity, 10 weeks

Computer skills

- Programming** Expert: Python
Experience with: C, bash
Methodologies: TDD, OOP, Agile, Scrum
Tools: Git, Jira
- Data tools** pandas, numpy, scipy, scikit-learn, boken, gensim
- Databases** SQL, MongoDB, Exasol, Hive, PostgreSQL, BigTable, MS SQL Server
- OS** Linux

Talks

- 2018 PyData London meetup. Towards pandas 1.0.
- 2018 PyData London. Demystifying pandas internals.
- 2017 Data visualisation summit, London. Data visualization in Python.
- 2017 PyData Warsaw. Bayesian A/B testing.
- 2017 ODSC Europe, London. Bayesian A/B testing.
- 2017 PyConPL, Ossa, Poland. Finding love in the age of big data.
- 2017 EuroPython, Rimini, Italy. A gentle introduction to data science.
- 2017 PyData Mallorca. Replicating the human brain: deep learning in action.
- 2016 Outreach Digital, London. Machine learning for digital advertising.
- 2016 PyData London. Machine learning for digital advertising.
- 2016 PyData Madrid. Understanding random forests.
- 2016 PyData Amsterdam. CART: Not only classification and regression trees.
- 2015 PyBCN, Barcelona. High Performance Python.
- 2011 EuroPyCon 2011, Florence, Italy. Remote execution of Python scripts.
- 2009 DjangoCon 2009, Portland, OR. Panel on GSoC projects.

Miscellaneous

- 2017–now NumFOCUS ambassador.
- 2017–now Organizer of the London Python Sprints meetup.
- 2016 Organizer of the PyData Mallorca meetup.
- 2009 Google Summer of Code Scholar: Django localization improvements.