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I have worked in several different areas, all of them related to computing. That gave me a wide insight about lots of activities that occur during product development.

Keywords: Research, Machine Learning, Data Analysis

Experience

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Sep. 2017 Freelance Data Analyst at Ingenio Labs

Aug. 2017 <http://www.ingenio-labs.com>

Design and implementation of the initial ETL process to load banking data into a relational database.

Knowledge: ETL, Data Analysis

Technologies: Python, Git, Docker

Jul. 2017 Research Software Engineer at Bigtruedata

Feb. 2016 <http://www.bigtruedata.com>

Development of recommender systems, machine learning products, and cloud based solutions.

Knowledge: Machine Learning, Recommender Systems, REST, Microservices, Backend, TDD

Technologies: Python, Node.js, Scala, Docker, Wercker, MySQL, MongoDB, Nginx, Google Cloud Platform

Sep. 2015 Software Engineer at Optimisee

Feb. 2015 <http://www.optimisee.com>

Maintenance of solutions related to datacenter power consumption optimization.

Technologies: C/C++, Python, Docker, MySQL

Feb. 2013 Software Engineer at Sistemas Avanzados de Control

Feb. 2012 <http://www.sacnet.es>

Development of embeded software for the management of

electrical substations.

Knowledge: TDD, PLC, Embedded Systems  
Technologies: C++, Autotools, MySQL

Oct. 2011 Data Analyst at Meteologica  
Jun. 2011 <http://www.meteologica.com>

Maintenance of the prediction infrastructure for solar plants and wind farms.

Knowledge: Data Analysis, Time Series  
Technologies: Perl, Excel, MySQL

May. 2011 Debian Developer at Alienvault  
Nov. 2010 <https://www.alienvault.com>

Maintenance of the Debian packages and the archive infrastructure for security products.

Knowledge: Debian Packaging  
Technologies: Debian, Bash, Perl, Python

Jul. 2010 Software Developer at Vaelsys  
Sep. 2009 <http://www.vaelsys.com>

Development of features in C++ and Qt under Linux operating systems for video surveillance solutions.

Knowledge: Video Surveillance  
Technologies: C++, Qt

## Education

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ongoing MSc in Science and Tecnology of Computing
Sep. 2016 Technical University of Madrid, Spain
Final project about Deep Learning

Jul. 2011 BSc in Computer Engineering
Oct. 2001 Technical University of Madrid, Spain
Final project about Memory Management in Virtual Machines

Languages

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Spanish Native Proficiency

## Certification

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English Limited Working Proficiency

[Level: B2]

Technical Skills

Knowledge

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Development	Emacs	[***]
Tools	Atom	[**]
	RStudio	[*]
	Git	[***]
Programming	Bash	[****]
Languages	C/C++	[****]
	Python	[***]
	R	[*]
	Scala	[*]
	Node.js	[**]
	LaTeX	[***]
Database	MySQL	[**]
Systems	MongoDB	[***]
	PostgreSQL	[*]
Operating	Debian GNU/Linux	[****]
Systems	Alpine Linux	[**]
	Microsoft Windows	[*]
Big	MapReduce	[*]
Data	Apache Hadoop	[*]
Cloud	Docker	[***]
Computing	Amazon Web Services	[*]
	Google Cloud Platform	[**]
Software	POSIX	[***]
Development	Agile	[**]
	TDD	[**]
	CI/CD	[**]
	Microservices	[**]
Machine	Tensorflow	[*]
Learning	Recommender Systems	[***]
	Regression	[**]
	Classification	[**]
	Clustering	[*]
	Deep Learning	[*]

Independent Coursework

Completion

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ongoing Deep Learning Specialization
 Aug. 2017 Coursera, deeplearning.ai

Contents:

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|---|-------------|
| 1. Neural Networks and Deep Learning | [Aug. 2017] |
| 2. Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization | [Aug. 2017] |
| 3. Structuring Machine Learning Projects | [Aug. 2017] |
| 4. Convolutional Neuronal Networks | [.....] |
| 5. Sequence Models | [.....] |

ongoing Machine Learning Specialization
 Oct. 2015 Coursera, University of Washington

Contents:

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|---------------------------------------|-------------|
| 1. Foundations: A Case Study Approach | [Oct. 2015] |
| 2. Regression | [.....] |
| 3. Classification | [.....] |
| 4. Clustering & Retrieval | [.....] |

Feb. 2015 MongoDB for Developers
 MongoDB University

Sep. 2014 Machine Learning
 Coursera, Stanford University

Interests

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Statistics    I love Mathematics and the way they can be used to build up a model that explains how things are working. I believe statistics and data are the next big revolution.

Music        On my free time I enjoy playing the clarinet or the bass clarinet with other people. Sometimes I dare playing the piano!