

# Marc Franco Salvador

Valencia, 46184, Valencian Community, Spain

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[CV \(extended version\) in PDF](#)

## Summary

I'm Director of Research at Symanto, a data analytics company based on psycholinguistic profiling. In this role, I work with my team to provide our data analysis platform with novel solutions based on the latest techniques of natural language processing, machine and deep learning.

I have more than nine years of experience as a researcher in projects related to multilingual natural language processing and information retrieval. Those projects allowed me to acquire a strong background in machine and deep learning, data science, analytics, and mining.

I'm a truly passionate, focused, and creative researcher. I like to read blogs and scientific papers about computational linguistics, data mining, and deep learning to keep up with the latest advances. While I enjoy all aspects of my job, I think my favorite stage of a project is defining the main data pipeline to solve a concrete objective. I also find very stimulating the part of the result analysis and pipeline tuning.

I obtained my PhD in computer science in the Universitat Politècnica de València (Spain) with cum laude distinction, where I also obtained my Engineer's Degree in Computer Science and my Master's Degree in Artificial Intelligence, Pattern Recognition and Digital Image. During my career I have published more than 30 scientific articles, some of them in top conferences, and participated in several international research internships around the world.

## Professional experience

### Director of Research

Feb 2021 – present

[Symanto](#)

- Person in charge of the research department and its AI & NLP solutions
- Decision making and supervision of all the aspects related to the research activities of the company
- Responsible for aligning research activities and objectives with the rest of the company's departments

### City lead – Valencia AI

April 2021 – present

[Spain AI](#)

- Responsible for Valencia (Valencia AI) for the Spain AI platform. Organization of seminars on topics related to artificial intelligence

### Collaborator - Big data & science master

June 2021 – July 2021

[Institut de Formació Contínua IL3 - Universitat de Barcelona \(UB\)](#)

- Responsible for the topic on deep learning applied to natural language processing. Creation of training content and activities, correction of exercises, teaching of theory and practice, conducting tutorship sessions

### Principal Research Scientist

May 2018 – Jan 2021

[Symanto](#)

- Person in charge of the research staff
- Decision making on new lines of research and their implementation
- Supervision and participation in the development of the new artificial intelligence-based solutions

## **Innovation Lead**

**Apr 2017 – Apr 2018**

[Symanto](#)

- Lead a team of data scientists and psycholinguists
- Provide the data analysis platform with novel solutions based on the latest techniques of natural language processing and deep learning

## **Data Scientist**

**Dec 2016 – Apr 2017**

[Symanto](#)

- Research on cross-lingual and cross-domain deep learning solutions
- Application of data science techniques to text analytics

## **Research Fellow**

**Sep 2016 – Nov 2016**

[Data and Web Science Group, Universität Mannheim](#)

- Research on several natural language processing projects

## **Data Scientist**

**Jun 2016 – Aug 2016**

[Symanto](#)

- Research on cross-lingual deep learning solutions
- Application of data science techniques to text analytics

## **Senior Technician – NLP researcher**

**Jul 2014 – May 2016**

[PRHLT Research Center, Universitat Politècnica de València](#)

- SOMEMBED research project, funded by the Spanish Ministry of Economy and Competitiveness
- DIANA-APPLICATIONS research project, funded by the Spanish Ministry of Economy and Competitiveness

## **Technical Specialist – NLP researcher**

**Apr 2014 – Jun 2014**

[Italica Research Group, University of Seville](#)

- DOCGU research project, funded by the Spanish Ministry of Economy and Competitiveness

## **Research Fellow**

**Apr 2013 – Mar 2014**

[Linguistic Computing Laboratory, Sapienza University of Rome](#)

- MultiJEDI research project, funded by the 5-year ERC Starting Grant No. 259234

## **Senior Technician – NLP researcher**

**Aug 2012 – Dec 2012**

[NLE Lab, Universitat Politècnica de València](#)

- TEXT-ENTERPRISE 2.0 research project, funded by the Spanish Ministry of Education and Science

## **Education**

### **PhD in Natural Language Processing and Information Retrieval**

**Mar 2013 – May 2017**

[Universitat Politècnica de València](#), Valencia, Spain

- Title: A Cross-domain and Cross-language Knowledge-based Representation of Text and its Meaning
- Score: Cum laude

### **MSc in Artificial Intelligence, Pattern Recognition and Digital Image**

**Sep 2011 – Feb 2013**

[Universitat Politècnica de València](#), Valencia, Spain

- Title: Cross-Language Plagiarism Detection using a Multilingual Semantic Network
- Final score: Cum laude

**BSc in Computer Science Engineering (5-year degree)**  
Universitat Politècnica de València, Valencia, Spain

**Sep 2006 – Sep 2011**

- Specialization in Artificial Intelligence and Languages

## **Publications**

Available on Google Scholar: [goo.gl/srdC6D](https://scholar.google.com/citations?user=srdC6D)

## **References**

Available upon request.