

Marc Franco Salvador

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

Summary

I am Chief Scientific Officer 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 artificial intelligence. This includes natural language processing, Large Language Models (LLMs), machine and deep learning.

I have more than ten years of experience as a researcher in projects related to multilingual natural language processing and information retrieval. I have participated in more than ten R&D projects with national and international funding, in some of which I have been head and responsible of research. Those projects allowed me to acquire a strong background in machine and deep learning, data science, analytics, and mining.

I am a passionate, focused, and creative researcher. I like to read blogs and scientific papers about computational linguistics, data mining, and deep learning. In addition, I contribute to the scientific community by publishing articles in prestigious conferences and journals, and organizing shared tasks in national and international conferences.

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 40 scientific articles, organized several evaluation campaigns, and participated in several international research internships around the world.

Professional experience

Chief Scientific Officer (NLP & AI)

April 2022 – present

[Symanto](#)

- Head of the scientific department
- Person responsible for all scientific activities of Symanto (artificial intelligence, natural language processing, and deep learning)
- Responsible for aligning the scientific activities and objectives with the rest of the departments
- Represent the company in scientific matters

Adjunt Professor

Oct 2023 – present

[Universidad Europea](#)

- Subjects: artificial intelligence projects; project management

Scientific Advisor

August 2023 – present

[Genaio](#)

Scientific Advisor

April 2022 – present

[AI Zwei](#)

Scientific Advisor

Sept 2021 – present

[Coinradar.ai](#)

Deep Learning Lecturer - Big Data & Data Science Master **May 2022 – Jan 2024**
[Institut de Formació Contínua IL3 - Universitat de Barcelona \(UB\)](#)

- Responsible of the deep learning teaching. Creation of training content and activities, correction of exercises, teaching of theory and practice, conducting tutorship sessions

Director of Research **Feb 2021 – Mar 2022**
[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

Collaborator - Big Data & 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**Itasca 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 (international distinction)

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)**Sep 2006 – Sep 2011**Universitat Politècnica de València, Valencia, Spain

- Specialization in Artificial Intelligence and Languages

Volunteer Experience**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

Publications

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

Certifications and courses

Available on LinkedIn: <https://es.linkedin.com/in/marfrasa/en>

References

Available upon request.