David Solans

Data Scientist

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🌐 Barcelona, Spain

About me

I am a Data and Research Scientist with a special interest in innovative data-oriented projects.

After many years working inside the industry in R&D projects, I decided to continue my education with a specialization in Data Science and Machine Learning through a Masters of Science and a Ph.D. in Algorithmic Fairness that I'm close to finalize.

During my career, I was author and/or coauthor of 15 research publications and 5 patents published in the U.S. patents office.

Awards

- 2017 – Cajamar University Hack – Data Visualization, 2nd prize
- 2015 – BBVA Innova Challenge – 1st Prize in Apps for companies
- 2013 – BBVA Innova Challenge – 2nd Prize in Apps for companies

Relevant experience

Ph.D Student
Universitat Pompeu Fabra

Barcelona
Oct. 2018 - Present

- Research and publication of peer-reviewed scientific work
- Advanced analysis of large data volumes
- Institutional representation in the EU Commission
- Collaboration with industrial and academic partners
- Communication of research outcomes
- Teaching undergraduate courses
- Supervision of Bachelor's degree and Msc. thesis

Research Engineer
CA Technologies

Barcelona
May 2015 - Oct. 2018

- Lead the technical development and design of the microservices architecture of ALOHA-H2020 project
- Collaboration with industrial and academic partners on advanced innovative projects
- Implementation and testing of advanced ML-based algorithms
- Extraction of data-based insights from large data volumes
- Development of data visualization for a variety of domains
- Knowledge and technology transfer of research outcomes

Research associate
CIT UPC

Barcelona
Jul. 2014 - Apr. 2015

- Full-stack development of proofs of concept in the domain of Crowdsourcing
- Research results to product development
- Customer-driven requirements acquisition

Junior Researcher
Barcelona Digital technology centre

Barcelona
Oct. 2012- June 2014

- Collaboration with industrial and academic partners
- Data analysis of mobility and platform interaction data
- Full-stack development in research-oriented projects

Education

Currently **Ph.D. in Algorithmic Fairness**
Universitat Pompeu Fabra

2018 **Msc. Data Science Foundations**
Universitat de Barcelona

2017 **Postgraduate in Data Science**
Universitat de Barcelona

2013 **Bachelor's degree in Computer Science**
Universitat de Barcelona