



EDUARDO C. GARRIDO MERCHÁN

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[GitHub](#) | [LinkedIn](#) | [Google Scholar](#) | [Website](#)

Machine learning Ph.D. candidate in his final year. AI/ML/Data science expert: 5 years' experience in academia and 3 in industry. Supervisor of +10 B.Sc. theses, organizer and host of seminars, teacher in academia and industry. 6 years of experience with Python. Fluent in R. Strong mathematical and soft skills. Published more than 20 ML/AI/NLP methodological articles.

EDUCATION

UNIVERSIDAD AUTÓNOMA DE MADRID

Ph.D. in Computer Engineering and Telecommunication (2016 – present)

- **Thesis:** Advanced Methods for Bayesian Optimization in Complex Scenarios
- **Summer Schools:** MLSS 2018 (co-organizer) and GPSS 2020

UNIVERSIDAD POLITÉCNICA DE MADRID

M.Sc. in Artificial Intelligence (2014 – 2015)

- **GPA:** 9.3/10 – José Cuenca excellence award
- **Thesis:** Supervised Expansion Model of Polarized Lexicons Independent of Context

UNIVERSIDAD PONTIFICIA DE COMILLAS – ICAI

M.Sc. in Computer Engineering (2012 – 2013)

B.Sc. in Computer Engineering (2008 – 2012)

- **GPA:** 9/10 – ICAI extraordinary price (best records of 2013 promotion) – Regional government 2013 excellence prize
- **Thesis:** A causality-based intelligent system for automatic summarization

EXPERIENCE

UNIVERSIDAD AUTÓNOMA DE MADRID

Research and Teaching Assistant (nov 2016 – present)

- **Machine Learning/AI Research:** Bayesian Optimization, Gaussian Processes, Causality, Machine Consciousness, Data Driven Astrophysics – (7 journal and 6 conference publications)
- **Teaching:** Artificial Intelligence, Operation Systems, Compilers, Data Bases
- **Management:** +10 B.Sc. thesis advised, seminar lecturer and organizer, Governing Board member
- **Other:** Conference and journal reviewer

Postgraduate Researcher (feb 2016 – oct 2016)

- **Machine Learning/AI Research:** Regional government project (CASI-CAM-CM)
- **Other:** NeurIPS 2016 BayesOpt workshop participant, several Ph.D. seminars attended

UNIVERSIDAD DE ALCALÁ DE HENARES

Data Science Teacher (sep 2020 – nov 2020)

- **Teaching:** Course about R Tidyverse: dplyr, tidyr, stringr, ggplot2, tibble...

SÉNTISIS

Data Scientist (mar 2015 – jan 2016)

- **Sentiment Analysis:** Quantitative social media sentiment analysis of marketing campaigns, with data extraction and prediction

MANAGEMENT SOLUTIONS

Consultant (sep 2013 – aug 2014)

Consulting Intern (jan 2012 – jan 2013)

- **Operational Risk:** Analysis and development of a Simulation Engine and Management Application

BUIBEE

Summer Intern (may 2011 – sep 2011)

- **Mobile application:** Design and development using Android and PHP

SKILLS

DATA SCIENCE – Machine Learning, Bayesian Optimization, Artificial Intelligence, Probabilistic Deep Learning, Gaussian Processes, Simulation Methods, Optimization, Multi Agent Systems...

PROGRAMMING LANGUAGES – Python, R, Java, C, UNIX Shell Scripting, Prolog...

LIBRARIES – Numpy, Scipy, Scikit-learn, Matplotlib, Autograd, Tensorflow, Keras, Theano, Sympy, Pandas, GPyOpt, Spearmin, Tidyverse, Wolfram Alpha...

SOFTWARE PROJECT TOOLS – Git, Jira, Bitbucket/GitHub, Jupyter...

DATABASES – MongoDB, Oracle, SQLServer, MySQL...

SOFT SKILLS – Teamwork, Empathy, Public Speaking, Motivation, Project Management, Organization...

ADDITIONAL

PUBLICATIONS

- See Google scholar profile (above) or publication list (attached)

JOURNAL AND CONFERENCE REVIEWER

- AAAI (2020, 2021), UAI (2019, 2020), ECML (2020), ICML (2019 – *Top Reviewer*), ICLR (2019, 2021), NeurIPS (2018, 2019 – *Top Reviewer*, 2020), ACM Computing Surveys, AISTATS (2018, 2021), AutoML (2018, 2019, 2020), BayesOpt (2017)

COURSES

- Machine Learning Summer School 2018
- Gaussian Processes Summer School 2020

LANGUAGES

- **Spanish:** native | **English:** fluent | **German:** basic