

EVA GARCIA MARTIN

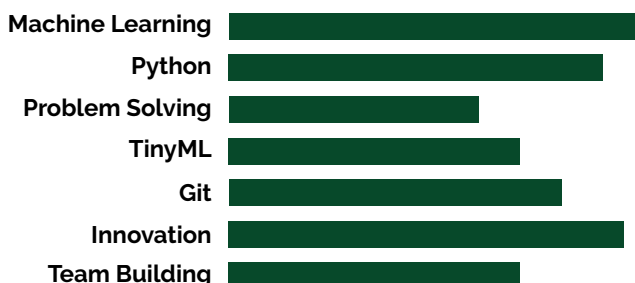
Data Scientist

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WHO AM I?

Data Scientist with vast experience in researching and developing machine learning algorithms. My passion is to dissect each algorithm so that it can run in tiny devices, with a low memory footprint and as energy efficient as possible. For AI to be scalable, it needs to be sustainable. On top of that, I love communicating ideas and research in an easy way to all sorts of audience. Interested in building and being part of diverse and inclusive teams.



EXPERIENCE

2019 – Present	Data Scientist Coding and researching new and innovative machine learning algorithms from scratch focusing on low energy consumption and memory footprint. Successful customer projects focused on applying machine learning solutions and performing data analytics to solve different sorts of problems. Ranging from optimizing industrial machinery to detect malfunctions in engines. Team building and research communicator, helping individuals work as a cohesive group. python / machine learning algorithms / embedded devices / federated learning	Ekkono Solutions
2015 – 2020	Doctoral Student Researched how to build energy-efficient streaming algorithms for real-time prediction on large-scale datasets. Successfully presented and communicated our work in international and national venues with a diverse set of audiences. Also studied ethics and bias in machine learning. machine learning / Stream data mining / PyTorch / C / energy efficiency	Blekinge Institute of Technology
2018 – 2018	Research Stay Working with Prof. Albert Bifet on data stream mining algorithms and research. Efficient Data Streams / hoeffding trees	Télécom Paris Tech
2014	Business Analyst Consultant Large-scale data analytics with different customers improving their business profitability. Data Analysis / R / MongoDB / Java	Indra

EDUCATION

2015 – 2020	Doctor of Philosophy in Computer Science Thesis: <i>Energy Efficiency in Machine Learning: Approaches to Sustainable Data Stream Mining</i> . Served in the program committee for several conferences and journals such as ICML, NeurIPS, ECML, JMLR. Organized the Green Data Mining workshop for three editions at ECML.	Blekinge Institute of Technology
2012 – 2013	MSc in Computer Science Machine learning focus, with a thesis titled: <i>Hashtags and followers: Experimental study on the online social network Twitter</i>	Blekinge Institute of Technology
2009 – 2013	BSc in Telecommunications Engineering	Rey Juan Carlos University, Madrid

LANGUAGES

English - proficient
Spanish - native
Swedish - conversational
Italian - fluent
French - limited

HOBBIES

Obsessed with climbing and baking. Sometimes I also play the ukulele. I am known for making great pizza napoletana

NON PROFIT

I have organized the Green Data Mining workshop at ECML between 2018-2020. Volunteered at Women in Machine Learning and member of several organizations such as Queer in AI