

Guillermo Guridi Mateos

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Education

EIT Digital Data Science & Entrepreneurship Master's Degree 2018-2020

 TU/e Eindhoven &  KTH Stockholm

Ongoing at TU/e.

Computer Engineering Bachelor's Degree 2011-2017

 Universidad Autónoma de Madrid

Average score: **8.3** / 10.

11 Honour mentions on computer science courses (awarded to less than 5% of students).

Academic **excellence grant** given by Comunidad de Madrid (2012).

Thesis on machine learning applied to text classification (grade: **9.3 / 10 with Honour mention**).

Erasmus Exchange Program 2013-2014

 Chalmers University of Technology, Gothenburg

One year (60 ECTS) of Computer Engineering Bachelor done at Chalmers (Gothenburg) with an Erasmus exchange.

3 years of Mathematics Bachelor's Degree 2011-2016

 Universidad Autónoma de Madrid

Took advanced courses on calculus, algebra, topology, probability and statistics.

Completed 108 ECTS.

Additional Qualifications

Online courses: Coursera, Udacity and others

Machine Learning (2011)

Introduction to Databases (2011)

Introduction to AI (2011)

AI for robotics (2012)

Software Engineering for SaaS (2012)

Cryptography (2012)

Certifications and specialised trainings

Cisco Networking Fundamentals (2013), Developer Training for Spark and Hadoop (2016),

Introduction to React.js (2017)

Technical Skills

- Full-stack web development
- Low level C programming
- Functional programming (haskell, ocaml)
- "DevOps" experience (docker, CI, AWS)
- LaTeX (including tikz and bibtex)
- Graphic design (using tools like Adobe Photoshop and Adobe Illustrator)

Work Experience

2015 - ongoing **Developer and Data engineer @ IIC**

IIC: Instituto de Ingeniería del Conocimiento (Knowledge Engineering Institute)

- Started as intern and web developer.
- Have been working for three years in the Algorithmics Engineering department: I've taken part on many developments, from ML solutions to complete resilient applications that have been deployed and used extensively.
- I also contribute to research efforts the department makes, and give seminars to other employees on new technologies and development best practices.

Fall 2014 **Intern developer @ UAMx (University's department for MOOCs)**

3 months My role in the team ranged from interactive explanations programming to casual help with intellectual property concerns for the university's newly created Massive Open Online Courses.

Summer 2013 **Research intern @ IMDEA Software Institute**

3 months I joined a research team and helped them write a static assembly analyser to detect different cache-related side-channel attacks. I'm mentioned in the acknowledgments section of [their paper](#).

2010-2015 **Ocasional freelance developer**

- Website development for [rural hotel](#) in Spain (2010 - 2011).
- Several iOS apps and prototypes (2012).
- Web development freelancing through oDesk and in Sweden (2014 - 2015).
- Custom software for Spanish start-up [Energy Flow Concept](#) (2015).

Extracurricular Activities

Hackathons

- WhatTheHack Belgium, Spotify WOWHack, GBG Startup hack, HackMed, BetaBeers Hackathons, ... I've been to plenty of them and built small videogames, web services and even a raspberry Pi powered device. And I'm proud to say I have been in the winning team 4 times.
- Top 50 Tuenti Challenge 2012 & Top 40% Case Study, Round 2, Texata Championship 2017

Open Source Development

I've worked in many many projects on my own, just for fun or to contribute back to the community. I've published, amongst others, an [angularjs library](#) for reactive save, refresh, etc... buttons; a ['blogging' platform](#) I built for myself; and a small but useful [telegram bot \(@hideltBot\)](#).

Lectures

- «*Docker: microservicios para Macroproblemas*» Introduction to Docker (1h) given at RITSI (Spanish State-wide Computer Science Students Reunion) 2017.
- «*Introduction to the Swedish Language*» Swedish Embassy in Spain, 2017.

Volunteering

- Participation in organisation and activities at university's robotics club (Madrid, 2015)
- Spent 2 weeks housekeeping, cooking and gardening in Shambala Gatherings (Sweden, 2016)

Debate

- 1 year in debate extracurricular at Ramiro de Maeztu School (Madrid, 2010-2011)
- Took part in Model United Nations Alfrink (Zoetermeer, Netherlands, 2011)
- Won anual team written debate competition (Universidad Autónoma de Madrid, 2015)

Languages

 **Spanish:** Mother tongue.

 **English:** Fluent (C2).

 **Swedish:** Intermediate (B2).

 **Dutch:** Beginner (A2).

 **French:** Basic.

 **German:** Basic.

Interests

I'm curious about many things: cycling, guitar playing, dancing (salsa and ballroom dances), photography...

I'm also really passionate about sustainability and green lifestyles.

Nevertheless, my main drive is to make complex knowledge, I've been lucky to obtain, reach more people in an accessible manner. One such example would be to help raise awareness on what machine learning actually is and how it is going to affect our lives.