ANA MARIA MARTINEZ GOMEZ

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EDUCATION

Master of Science in Computer Science, Theory track	Aug 2019 - Dec 2020
Columbia University (New York, USA)	GPA: 3.67/4

· Courses: Advanced Algorithms, Computational Complexity, Advanced Cryptography, Malware & Reverse Engineering

Bachelor's Degree in Computer Science and Engineering	Sep 2011 - Jul 2016
Universidad Complutense de Madrid (Madrid, Spain)	GPA: 9.04/10, top 10 % of graduating class

Bachelor's Degree in Mathematics	Sep 2011 - Jul 2016
Universidad Complutense de Madrid (Madrid, Spain)	GPA: 8.11/10

EXPERIENCE

Full-Stack Software Engineer in Open Build Service (OBS)	Sep 2016 - Jul 2019
SUSE (Nuremberg, Germany)	

· Worked on a Ruby on Rails web application to build and distribute Linux packages: designed and implemented features, wrote tests (e.g. unit, property and mutant testing), fixed bugs, refactored code and improved performance.
· Used Ruby, MySQL, PostgreSQL, RSpec, JavaScript, jQuery, HTML, Bootstrap, DataTables, Git, Linux, Docker, Travis
· Carried out code reviews, technical interviews, hold talks and mentored colleagues and students in a remote SCRUM team.

Google Summer of Code - Software Developer	Apr - Aug 2016
openSUSE	

· Worked on a Ruby on Rails web application to organize events: redesigned the schedule and implemented new features.

Spanish government fellowship to carry out research	Nov 2015 - Jun 2016
Universidad Complutense de Madrid (Madrid, Spain)	

· Worked on a big data project with the San Juan de Dios hospital to predict bipolar disorder crisis. Focused on data collection and storage: design, implementation and usability testing of an Android app using MongoDB.

HONORS & AWARDS

Fellowship to pursue postgraduate studies at North American universities	2018
la Caixa Banking Foundation	

Excellence Grant for high academic performance university students	2016
Community of Madrid	

CONTRIBUTIONS

Contributed to various Open Source projects including: OBS, Ruby, Rails, Rantly, OSEM, software-o-o, Rubocop, Jekyll, Trollolo, Bunny, HAML-Lint, GitCop

top 4 % of active users in Stack Overflow in 2018 and top 6 % in 2019

Mentor/Org admin in Google Summer of Code for openSUSE/FOSDEM since 2017

openSUSE Board member 2018-2019

LATEST INVITED TALKS

The Biggest Mobprogramming Session Ever - 250 attendees	`http://ana06.me/1s9`
RubyConfBY 2019 (Minsk, Belarus)	

Why open source? (Spanish) - 300 attendees	`http://ana06.me/1kt`
Universidad Complutense de Madrid 2018 (Madrid, Spain)	

Let's Refactor Some Ruby Code - 500 attendees	`http://ana06.me/1ku`
European Ruby Conference (EuRuKo) 2018 (Vienna, Austria)	

PERSONAL

I am interested in programming challenges, theoretical CS and security. In my free time, I contribute to Open Source, write in my blog (`http://ana06.me/1zk`), attend conferences and paint (`http://ana06.me/1zm`).