




# ANA MARIA MARTINEZ GOMEZ

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## EDUCATION

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**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

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**Reverse Engineering Intern** May - Aug 2020  
FireEye (Remote)

**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.

**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

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**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

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**Contributed to various Open Source projects including:** OBS, capa, 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 2017-2019**  
**openSUSE Board member 2018-2019**

## LATEST INVITED TALKS

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**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

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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>).