

# Jesús Caño

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## Summary

Fullstack developer currently focused in *Machine Learning* software development.

## Computer Skills

Languages Go, JavaScript, Node.js, Python, Java, C, VHDL, SQL, XHTML, CSS, JQuery.  
Platforms GNU/Linux, Windows, Texas Instruments DSP.  
BBDD MongoDB, BigQuery, MySQL.  
Tools Machine Learning, Algorithms, GNU Emacs, Git, Docker, Matlab, L<sup>A</sup>T<sub>E</sub>X.

## Experience

November **Developer Relations Engineer**, *Source{d}*, Madrid, Spain.  
2015 - Working as a Developer Relations in a company that looks to understand developers through  
November the code they have written. They analyse the code of +6 million developers using Machine  
2016 Learning algorithms and help over 100 customers get introduced to developers. I worked  
analysing the code of the developers to assess their quality. Also I developed tools using Go,  
Python, Qt, BigQuery and MongoDB to speed up the process of finding developers.  
July - **Freelance**, [www.compvter.net/clasesjesus](http://www.compvter.net/clasesjesus), Madrid, Spain.  
October 2015 Professionally-oriented classes. Python, SQL, PL/SQL, MySQL and Oracle Database design  
and administration, XML technologies.  
February - **Fullstack Engineer Intern**, *Gigas Hosting S.A*, Alcobendas, Spain.  
June 2015 Business Intelligence, developing a workflow tool (BPM) and its API fusion with other internal  
software, programming in Java, Python and JQuery.  
February - **Research Engineer**, *Institut d'Electronique et de Telecommunications de Rennes*  
July 2014 *IETR*, Rennes, France.  
Full-time job optimizing an HEVC video decoder for ARM and Texas Instruments DSP platforms  
in the framework of Horizon 2020 program.

## Education

November **Machine Learning Engineer Nanodegree**, *Udacity*.  
2016 - Now Apply predictive models to massive data sets in fields like finance, healthcare, education, and  
more.  
2014 - 2015 **Máster en Ingeniería de Sistemas y Servicios para la Sociedad de la Infor-**  
**mación**, *Universidad Politécnica de Madrid*, Madrid, Spain.  
2013 - 2014 **Electronique et Informatique Industrielle, 5º año**, *Institut des Sciences*  
*Appliquées INSA*, Rennes, France.  
2008 - 2014 **Ingeniero Técnico de Telecomunicación**, *Universidad Politécnica de Madrid*,  
Madrid, Spain.

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## Languages

SP, EN, FR Being a Spanish native speaker I have professional proficiency in English and French.

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## Honors and Awards

- 2015 **“Emprende tus prácticas” Grant**, *FUE - FJME*, Madrid, Spain.  
Selected as one of 29 candidates from 2000+ to intern at a technological startup.
- 2014 **IETR Grant**, *IETR*, Rennes, France.  
Selected to a full-time job in the Institut d’Electronique et de Telecommunications de Rennes.
- 2010 **Santo Tomás Price**, *Universidad Politécnica de Madrid*, Madrid, Spain.  
Recognition to the best academic performance among all first year students.

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## Publications

- 2014 **A DSP based decoder implementation based on openHEVC**, Pescador, F. Caño, J.P. ; Garrido, M.J. ; Juarez, E. ; Raulet, M..  
2014 IEEE International Conference on Consumer Electronics (ICCE).

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## Software Projects

These are some of the projects that can be found in my GitHub page (<https://github.com/jpcano>):

**openHEVC**, [www.github.com/OpenHEVC/openHEVC](https://github.com/jpcano/openHEVC).

HEVC video decoder. Developing optimizations for DSP and ARM platforms.

**resourcer**, [www.github.com/jpcano/resourcer](https://github.com/jpcano/resourcer).

A GUI Tool to resource candidates stored in Google BigQuery and a proprietary MongoDB databases.

**git-email**, [www.github.com/jpcano/git-email](https://github.com/jpcano/git-email).

Find the commits done with a particular email in GitHub.

**thiago**, [www.github.com/jpcano/thiago](https://github.com/jpcano/thiago).

A publisher-subscriber Slack bot.

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## Interests and Hobbies

I love reading. Specially technical and essays books. Lately I enjoy reading psychology books too. I love sport and meeting new people. While doing hiking I have the opportunity to do both things. When I have the chance I like travelling abroad and getting in touch with new cultures.