

# GUILLERMO JULIÁN MORENO

## PERSONAL DATA

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other links [Github](#) — [LinkedIn](#)

## WORK EXPERIENCE

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March 2015 Present	<b>Intern, NAUDIT HPCN</b> Naudit HPCN is the spin-off of the HPCN-UAM research group. I continued there with my work on parallel numeric algorithms and Linux capture driver development and started working in automated network analysis tools.
December 2013 March 2015	<b>Intern, HIGH PERFORMANCE COMPUTING AND NETWORKING - UAM</b> HPCN-UAM is a research group in the Universidad Autónoma de Madrid (UAM), where I familiarized myself with high performance networking and computing. I worked on network dependency analysis, Linux driver development for traffic capture, numeric algorithms optimizations with OpenCL and network protocol reverse engineering and analysis.
January 2012 October 2015	<b>C#, C, C++ developer, FREELANCE</b> During my studies at university, I also worked as a freelancer in several projects, mostly related to Windows Phone development, C# and networking in C/C++ — including dissectors and analyzers in OpenWRT routers. I designed and developed Windows Phone applications and assisted in the development and refactor of others projects, and I also collaborated with <a href="#">eGarante</a> in the design of a <a href="#">Firefox addon</a> and a Python service to automatically sign user's conversations on social networks.
January 2010 October 2015	<b>Writer, WEBLOGS SL</b> During five years, I wrote about insights, news and analysis about web, software and technology in <a href="#">Genbeta</a> and <a href="#">Xataka</a> , two of the most visited spanish publications in their category.
October 2012 November 2014	<b>Coordinator, WEBLOGS SL</b> I have been writer and coordinator at <a href="#">Xataka Windows</a> , the Microsoft specialized spin-off of Xataka. I was responsible for the management of the publication's editorial team and for its contents during its first two years.

## EDUCATION

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2011 - 2016	<b>Double degree, Mathematics and Computer Engineering</b> <b>Universidad Autónoma de Madrid</b> THESIS: "Monitorization, capture and intelligent storage of network traffic at 40Gbps" Extra courses: Functional analysis, algebraic geometry, algorithm design, neurocomputing, image processing.
2009 - 2011	<b>International Baccalaureate</b> <b>Instituto Ramiro de Maeztu, Madrid</b>

## PUBLICATIONS

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(In review) G. Julián-Moreno et al., Fast parallel  $\alpha$ -stable distribution function evaluation and parameter estimation using OpenCL in GPGPU, Parallel Computing.

## PROGRAMMING SKILLS

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### *Languages - Advanced knowledge*

C, C++, C#, Python, L<sup>A</sup>T<sub>E</sub>X, Awk.

### *Languages - Medium knowledge*

Java, Haskell, Matlab, Bash, Javascript, HTML, CSS.

### *Frameworks and environments I've developed for*

Angular.js, Azure, Firefox's Addon SDK, Glassfish, jQuery, Linux kernel, OpenCL, OpenWRT, Rails, Sage (mathematical), Windows Phone, Windows.

### *Technologies and software used*

Sublime Text, Vim, Zsh, Visual Studio, Git, Github, TFS, Eclipse, Linux, OS X, Windows, Windows Phone, Android.

## LANGUAGES

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SPANISH · Mothertongue

ENGLISH · Advanced (conversationally fluent)

FRENCH · Basic (simple words and phrases only)

CATALAN · Basic (only spoken)