Francisco Javier Bolívar Lupiáñez

M.Sc. in Computer Science

Education

2016–2018	**M.Sc. in Computer Science**, *Universidad de Granada*, Granada, *9.364*. Best academic results award.
2012–2016	**B.Sc. in Computer Science**, *Universidad de Granada*, Granada, *8.378*. Special mention in Software Engineering. I was graded with honours in 9 courses, including the End-of-Degree Project.
2010–2012	**High School**, *Juan XXIII - Chana*, Granada, *9.32*. Science and Technology. Best academic results award.

Experience

2017–	**Full-Stack Developer**, *Nazaríes IT*, Granada. Starting as a junior, after a successful stage during my internship, I developed myself until being considered a senior and one of the key pieces in the team. Developer in several projects with both national and international clients. Although the main project I've been working is an IoT environment with a tech stack based on Ruby on Rails, I've also been working in between on other projects with Ruby on Rails and other diverse technologies: such as a desktop application with C++ to control UAVs, a pure back-end project with Spring, various hybrid mobile applications using Ionic, a customized e-commerce platform with PHP or an important telemedicine platform with PHP too.
2017	**Internship Student**, *Nazaríes IT*, Granada. Internship in Nazaríes IT corresponding to M.Sc. in Computer Science. I started learning and working with Ruby on Rails.
2016-2017	**Scholarship Assistant**, *Department of Lenguajes y Sistemas Informáticos*, Granada. Working in an investigation project, for studying and devoloping algorithms to view and document wood sculptures, and in Atalaya3D project, processing 3D models to be uploaded to the web.

Languages

Spanish	Native proficiency	
English	Professional working proficiency	*B1 English Certificate. University of Cambridge*

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Knowledge

Back-end web development	Ruby on Rails, Django, PHP, MySQL, PostgreSQL, MongoDB, Sidekiq
Front-end web development	Angular, Ionic, jQuery, HTML, CSS
DevOps	Docker, AWS
Computer Graphics	OpenGL, Blender, VTK, ITK, OpenCV
Artificial intelligence	Neural Networks, Evolutionary Algorithms
Others	Git, Scrum, UML, CUDA, Qt, Photoshop

Publications

Papers

Francisco Javier Bolívar and Francisco Javier Melero. 3DCurator: A 3D Viewer for CTs of Polychromed Wood Sculptures. In Alejandro Garcia-Alonso and Belen Masia, editors, *Spanish Computer Graphics Conference (CEIG)*. The Eurographics Association, 2016.

Francisco Javier Bolívar and Francisco Javier Melero. 3DCurator: una herramienta para la inspección de esculturas a través de tomografía computacional. Revista PH91, 2017.

Miscellaneous

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