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Jesús Leganés-Combarro

Vocational computers engineer with experience from research and low-level operating system design, up to web backend and scripting
Interested on systems programming, high-edge technologies, new specifications, innovative products, and design of intuitive APIs
Proud advocate of free software and good practices

Online profiles	GitHub	https://github.com/piranna
	LinkedIn	http://www.linkedin.com/in/piranna
	StackOverflow	http://stackoverflow.com/users/586382/piranna

Formal academic training	March 2016 – March 2017	Rey Juan Carlos University	Móstoles (Spain)
	PhD. candidate in Computer Science (on hold) <ul style="list-style-type: none">▪ “Visualization methods and techniques applied to co-focal microscopy neurological images”		

	May 2016	Rey Juan Carlos University	Móstoles (Spain)
	Computer Engineer diploma <ul style="list-style-type: none">▪ Thesis: “NodeOS, lightweight operating system for Node.js” (graduated with distinction)▪ http://node-os.com, https://github.com/NodeOS/NodeOS		

Achievements	<i>Honorable mention for PirannaFS, V CUSL (Spain Free Software University Championship) 2011</i> <i>Membership grant for 3DS (3 Days Start-up) program 2012</i> Finalist of the OpenITP first Grant Proposal 2013, candidate of Mozilla WebFWD 2013 and winner of <i>Most Innovative Project</i> award at VII CUSL 2013 for ShareIt! Winner in <i>Systems</i> category for NodeOS , IX CUSL 2015 <i>Final stage (in-site interviews) for Google at Zurich (2018) and Amazon AWS at Dublin (2019)</i>
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Highlighted jobs and projects	December 2019 – Currently	BotXO	Alcorcón (Spain)
	Tech Lead backend <ul style="list-style-type: none">▪ Convert monolithic architecture to multiples isolated servers▪ Design and develop scheme for automated CI pipelines <i>Python, Django, AWS, Azure DevOps, ChatBots, PyTest, Docker</i>		
	Sept. – Nov. 2019	Bpost	Brussels (Belgium)
	Node.js expert & Best practices counselor (contractor) <ul style="list-style-type: none">▪ Control quality of source code, and formation about Node.js projects best practices <i>Node.js, Express, MongoDB, DialogFlow, ChatBots, Jest, Docker, Google Cloud</i>		
	January – August 2019	lingbe - iTalki	Madrid (Spain)
	CTO, Lead Architect & Tech lead <ul style="list-style-type: none">▪ Design architecture and full stack refactor for 2.0 version▪ http://www.lingbe.com, https://www.italki.com <i>ReactNative, Node.js, Express, MongoDB, XMPP, AWS</i>		
	March 2017 – Nov. 2018	UnifyMe	Barcelona (Spain)
	CTO, Lead Architect & Co-founder <ul style="list-style-type: none">▪ Design architecture of uCaaS platform <i>ReactNative, Node.js, Express, MongoDB, PostgreSQL, GraphQL</i>		

Main contractor projects (since 2012)	July 2013 – June 2015	<i>Kurento - Twilio</i>	Fuenlabrada (Spain)
	Technical assistance - Researcher		
	<ul style="list-style-type: none"> Design of WebRTC APIs for Javascript, Node.js and HTML5 Company adquired by Twilio https://www.kurento.org, https://github.com/Kurento/kurento-client-js 		
	May 2019 – Currently	<i>Wasmer (remote)</i>	San Francisco (United States)
	Senior developer		
	<ul style="list-style-type: none"> Port open source C/C++ and Rust applications to WebAssembly architecture 		
	Nov. 2018 – March 2019	<i>Ventrata (remote)</i>	Brno (Czech Republic)
	Embedded engineer		
	<ul style="list-style-type: none"> Add support to <i>node-canvas</i> Node.js module for direct access to the Linux framebuffer FbDev device 		
	July – Nov. 2018	<i>Takeafire - Tyrus</i>	Valencia (Spain)
	Lead developer		
	<ul style="list-style-type: none"> Design of Open Source high performance Node.js streams-oriented file transfer protocol https://takeafire.com, https://github.com/Takeafire 		
	May 2017 – Nov. 2018	<i>Quantum BA - Foqum</i>	Madrid (Spain)
	Senior developer - Open Source evangelist		
	<ul style="list-style-type: none"> Django, React and React Native architect https://www.sonneil.com, https://play.google.com/store/apps/details?id=com.flowtag 		
	May – August 2018	<i>forMarketer</i>	Valencia (Spain)
	Lead developer - Node.js and React architect		
	April 2018	<i>WallBox - SnowStorm</i>	Alcobendas (Spain)
	Node.js expert		
	July 2017 – January 2018	<i>Qvantel</i>	Madrid (Spain)
	Senior developer - Django and Node.js expert		
	August 2016 – January 2017	<i>Meniga / Caixabank (remote)</i>	Reykjavic (Iceland)
	Senior lead developer - team manager		
	<i>Python, web scraping</i>		
	December 2015 – Dec. 2016	<i>Telefónica I+D</i>	Madrid (Spain)
	Node.js expert & C++ Senior developer		
	<ul style="list-style-type: none"> Design of IoT APIs for Node.js, cloud storage & Movistar+ Video on-demand CDN https://github.com/piranna/ContextBroker, https://github.com/piranna/ContextBroker-Toolbox, https://github.com/piranna/WebhookPost, https://github.com/piranna/post2sse 		
	July – December 2015	<i>Telepado</i>	Dubai (United Arab Emirates)
	Node.js expert - Senior WebRTC specialist		
	<ul style="list-style-type: none"> https://telepado.com 		
	Dec 2012 – October 2013	<i>eFace2Face (remote)</i>	Florida (United States)
	Programmer engineer - Senior WebRTC specialist		

Other job experience as employee	September – December 2018	<i>Ironhack</i>	Madrid (Spain)
	Lead Teacher web		
	<ul style="list-style-type: none"> Node.js, React, ReactNative , HTML5, CSS, Passport, Express, MongoDB 		
	April – July 2012	<i>Vaelsys</i>	Tres Cantos (Spain)
	Senior C++ and Javascript Programmer		
	January – March 2012	<i>QDQ Media</i>	Madrid (Spain)
	Python Django Programmer		
	September – December 2011	<i>Atos</i>	Madrid (Spain)
	Programmer analyst		
	<ul style="list-style-type: none"> Adapt C++ banking software for BBVA 		
	<i>C / C++</i>		
	June – August 2011	<i>Gameloft</i>	Madrid (Spain)
	3D Programmer		
	<ul style="list-style-type: none"> Gameloft Live! 		
	<i>C++, Flash, JavaScript</i>		
	March – May 2011	<i>Vocento</i>	Madrid (Spain)
	Senior Programmer - Python expert		
	Sep 2010 – Feb 2011	<i>Partec</i>	Tres Cantos – Colmenar Viejo (Spain)
	Software engineer - Lead developer		
	<ul style="list-style-type: none"> Design of decentralized Passengers Information System of Buenos Aires subway 		
	<i>Python, Javascript, Twisted, I2C, RS-485</i>		
	January – June 2010	<i>Madringenia - PicDental</i>	Torreldones (Spain)
	Computers programmer - 3D Programmer		
	<i>C++, OpenGL, SDL</i>		
	May – December 2009	<i>Coguan</i>	Villaviciosa de Odón (Spain)
	Software engineer - Computers programmer		
	PHP, Oracle SQL, Javascript		
	November 2008 – April 2009	<i>Kibitech</i>	Getafe (Spain)
	Computers programmer technician		
	<ul style="list-style-type: none"> Design of graphic widgets library, windows manager and web apps using SVG and Javascript 		
	<ul style="list-style-type: none"> Promoted to C++ team lead 		
	<i>C++, Javascript, SVG, OpenGL</i>		
Languages	Spanish Native English B2, TOEFL 80/120 French Read level		
Complementary training	Shell, AWK and Perl (125h) Staff Motivation Techniques (50h) Human Resource Planning (50h) Management Skills (50h) - Average score 10/10		