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# Jesús Leganés-Combarro

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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

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<b>Online profiles</b>	<b>Personal web</b>	<a href="https://piranna.github.io">https://piranna.github.io</a>
	<b>GitHub</b>	<a href="https://github.com/piranna">https://github.com/piranna</a>
	<b>LinkedIn</b>	<a href="https://www.linkedin.com/in/piranna">https://www.linkedin.com/in/piranna</a>
	<b>StackOverflow</b>	<a href="https://stackoverflow.com/users/586382/piranna">https://stackoverflow.com/users/586382/piranna</a>

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

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<b>Achievements</b>	<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> <b>Finalist</b> of the OpenITP first Grant Proposal 2013, <b>candidate</b> of Mozilla WebFWD 2013 and <b>winner</b> of Most Innovative Project award at VII CUSL 2013 for <b>ShareIt!</b> <b>Winner</b> in Systems category for <b>NodeOS</b> , IX CUSL 2015 Final stage (in-site interviews) for <b>Google</b> at Zurich (2018) and <b>Amazon AWS</b> at Dublin (2019)
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<b>Highlighted jobs and projects</b>	December 2019 – Currently	BotXO	Alcorcón (Spain)
	<b>Tech Lead backend - DevOps</b> <ul style="list-style-type: none"><li>Split monolith architecture to multi-servers to improve performance</li><li>Design and develop fully automated CI/CD pipelines from push validation to deploy</li><li>Design and develop local E2E development environment replicating cloud servers <i>Python, Django, AWS, Azure DevOps, ChatBots, PyTest, Docker</i></li></ul>		
	September – Nov. 2019	Bpost	Brussels (Belgium)
	<b>Node.js expert &amp; Best practices counselor (contractor)</b> <ul style="list-style-type: none"><li>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></li></ul>		
	January – August 2019	lingbe - iTalki	Madrid (Spain)
	<b>CTO, Lead Architect &amp; Tech lead</b> <ul style="list-style-type: none"><li>Design architecture and full stack refactor for 2.0 version</li><li><a href="http://www.lingbe.com">http://www.lingbe.com</a>, <a href="https://www.italki.com">https://www.italki.com</a> <i>ReactNative, Node.js, Express, MongoDB, XMPP, AWS</i></li></ul>		
	March 2017 – Nov. 2018	UnifyMe	Barcelona (Spain)
	<b>CTO, Lead Architect &amp; Co-founder</b> <ul style="list-style-type: none"><li>Design architecture of uCaaS platform <i>ReactNative, Node.js, Express, MongoDB, PostgreSQL, GraphQL</i></li></ul>		

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	March 2016 – March 2017	Rey Juan Carlos University	Móstoles (Spain)
	<b>PhD. candidate in Computer Science</b> (dropout)		
	<ul style="list-style-type: none"><li>“Visualization methods and techniques applied to co-focal microscopy neurological images”</li></ul>		
	July 2013 – June 2015	Kurento - Twilio	Fuenlabrada (Spain)
	<b>Technical assistance - Researcher</b>		
	<ul style="list-style-type: none"><li>Design of WebRTC APIs for Javascript, Node.js and HTML5</li><li>Company adquired by <b>Twilio</b></li><li><a href="https://www.kurento.org">https://www.kurento.org</a>, <a href="https://github.com/Kurento/kurento-client-js">https://github.com/Kurento/kurento-client-js</a></li></ul>		
	<b>More detailed job experience dated back up to 2004 is available at my <a href="#">LinkedIn</a> profile</b>		
<b>Main contractor projects</b> (since 2012)	May 2020 – Currently	Veideo.me - Callab (remote)	Mainz (Germany)
	<b>WebRTC Expert</b>		
	<ul style="list-style-type: none"><li>Bussines oriented desktop and mobile videoconference application using Vue.js and Kurento</li><li>Full refactoring and upgrade of <i>kurento-utils</i> library, and contributions to other Open Source projects</li></ul>		
	May – July 2019	Wasmer (remote)	San Francisco (United States)
	<b>Senior developer</b>		
	<ul style="list-style-type: none"><li>Port open source C/C++ and Rust applications to WebAssembly architecture</li></ul>		
	Nov. 2018 – March 2019	Ventrata (remote)	Brno (Czech Republic)
	<b>Embedded engineer</b>		
	<ul style="list-style-type: none"><li>Add support to <i>node-canvas</i> Node.js module for direct access to the Linux framebuffer FbDev device</li></ul>		
	July – Nov. 2018	Takeafire - Tyrís	Valencia (Spain)
	<b>Lead developer</b>		
	<ul style="list-style-type: none"><li>Design of Open Source high performance Node.js streams-oriented file transfer protocol</li><li><a href="https://takeafire.com">https://takeafire.com</a>, <a href="https://github.com/Takeafire">https://github.com/Takeafire</a></li></ul>		
	May 2017 – Nov. 2018	Quantum BA - Foqum	Madrid (Spain)
	<b>Senior developer - Open Source evangelist</b>		
	<ul style="list-style-type: none"><li>Django, React and React Native architect</li><li><a href="https://www.sonneil.com">https://www.sonneil.com</a>, <a href="https://play.google.com/store/apps/details?id=com.flowtag">https://play.google.com/store/apps/details?id=com.flowtag</a></li></ul>		
	May – August 2018	forMarketer	Valencia (Spain)
	<b>Lead developer - Node.js and React architect</b>		
	July 2017 – January 2018	Qvantel	Madrid (Spain)
	<b>Senior developer - Django and Node.js expert</b>		
	January – June 2017	Meniga / Caixabank (remote)	Reykjavic (Iceland)
	<b>Senior lead developer - team manager</b>		
	<i>Python, web scraping</i>		
	December 2015 – Dec. 2016	Telefónica I+D	Madrid (Spain)
	<b>Node.js expert &amp; C++ Senior developer</b>		
	<ul style="list-style-type: none"><li>Design of IoT APIs for Node.js, cloud storage &amp; Movistar+ Video on-demand CDN</li><li><a href="https://github.com/ContextBroker">https://github.com/ContextBroker</a></li></ul>		

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July – December 2015      *Telepado (remote)*      Dubai (United Arab Emirates)  
**Node.js expert - Senior WebRTC specialist**  
▪    <https://telepado.com>

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Dec 2012 – October 2013      *eFace2Face (remote)*      Florida (United States)  
**Programmer engineer - Senior WebRTC specialist**

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