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| Personal information |  |
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| First name / Last name | JAIME JIMÉNEZ |
| E-mail | jaimejim@gmail.com |
| LinkedIn | [fi.linkedin.com/in/jaimejimenezbolonio](http://fi.linkedin.com/in/jaimejimenezbolonio) |
| Website | <https://jaime.win> |
| Mobile phone | +358442992827 |
| Date of birth | April 28, 1983 |
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| Work Experience |  |
| Dates | April 2018 - Ongoing |
| Occupation or position held | **Master Researcher** |
|  | * Recently working with Web APIs in the context of Vonage. * Work as domain expert on IoT protocols and technologies towards internal Product Units (BDGS, BTEB, BCSS) and towards external stakeholders in standardization and Academia. * Driving Ericsson strategic initiatives in the Internet of Things (IoT) domain. * Filed about [54 patents](https://patents.google.com/?inventor=Jaime+Jiménez&assignee=Ericsson&language=ENGLISH&num=50&sort=new) in the area of Internet of Things, Security and Distributed Systems. * As IETF co-chair I am responsible of coordinating circa 60 engineers from different companies and academia to provide high-quality technical specifications. * Contributor and coordinator of several external European and Finnish projects in various roles: H2020, EIT-HII. |
| Dates | 2008 - 2017 |
| Occupation or position held | **Senior Researcher – Services, Media and Networks / AppIoT Product Unit - Architect** |
| Main activities and responsibilities | * Extensive experience in research on Internet of Things (IoT) protocols and devices. * Architecture, design and implementation on the best available technologies to build Ericsson‘s IoT Accelerator. Protocol design: LWM2M, CoAP and IPSO Data Models. Implementation: Java, Robotframework and JS. * Acting as domain expert towards Product Units. Some cases involve Kone, Husqvarna, ARM, Itron, Vaisala, Orange, ZIV and Maersk. * Contributor and coordinator of several external European and Finnish projects in various roles: FP7 COMMUNE, Massive Scale Machine to Machine (MAMMOTH), DIEM, PURSUIT. * Extensive experience prototyping within Ericsson Research for showrooms like Mobile World Congress; for example, the Evolved Capillary Networks prototype demo in the MWC15. * Worked in device design and prototype manufacture for a Distributed Sensor and Actuator Network. * Implementing a prototype for the decentralization of Session Initiation Protocol (SIP) telecommunications. * Managed a team of 5 developers and an industrial designer for a prototyping project. This involved ideation, funding, and creation of 3D printed sensor hardware components. * Supervision and support of Master’s Theses students. |

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|  | **Standard’s Organizations** | |
|  | **Co-Chair of the Constrained RESTful Environments (CoRE) Working Group at the IETF**  Standardization of the Constrained Application Protocol (CoAP), a specialised web transfer protocol for constrained IoT devices. <https://tools.ietf.org/wg/core/>  As co-chair I am responsible of coordinating circa 70 engineers from different companies to provide high-quality technical specifications.  **Open Mobile Alliance - Lightweight Machine to Machine (LWM2M)**  One of the authors of the OMA-LWM2M protocol.  **IPSO Smart Objects, Main contributor**  Creating data models (in XML) for Internet of Things.  **Industrial Internet Consortium (IIC)**  Coauthor of the Industrial Internet Consortium (IIC) Connectivity Framework specification. | |
| Employer | Ericsson Finland, [www.ericsson.com](http://www.ericsson.com) | |
| Dates | 2006 – 2007 | |
| Occupation or position held | Software Engineer | |
| Main activities and responsibilities | Researching security in online banking transactions, Smartcard research, setting Unix and Windows environments, Network Set Up and Administration, management of Virtual Machines as well as translation of technical papers. | |
| Employer | University Carlos III and Department of IT Security Evaluation. | |
| Type of business or sector | Education | |
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| Dates | 2005 – 2006 | |
| Occupation or position held | Trainee | |
| Main activities and responsibilities | Software installation, maintenance and technical support for Windows workstations. | |
| Employer | Viajes IberoService, www.iberoservice.com | |
| Type of business or sector | Tourism | |
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| EducatioN |  | |
| Dates | **2009 - 2011** | |
| Title of qualification awarded | **Master’s program “Communications Systems, Security and Mobile Computing”** | |
| Principal subjects/occupational skills to be covered | Advanced Internetworking, Internet Security and Privacy, ICT Entrepreneurship and Venture Creation, Network Services, Advanced Routing in Packet Networks, Management of Networks and Networked Systems, Security in Mobile and Wireless Networks. | |
| Scholarships | NordPlus Scholarship (2010-2011) granted for excellent EU/EEA citizens, funded by the Nordic Council of Ministers. | |
| Name and type of organisation providing education and training | KTH Royal Institute of Technology, School of Information and Communication Technology, Stockholm, Sweden, [www.kth.se](http://www.kth.se)  Aalto University (TKK), School of Science and Technology, Helsinki, Finland, [www.aalto.fi](http://www.aalto.fi) | |
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| Dates | **2003 – 2007** | |
| Title of qualification awarded | **Graduate Computer Engineer, Major: Computer Science** | |
| Principal subjects/occupational skills to be covered | Programming, Intra/Inter-domain Routing, Databases, Software Development, Computer Architecture and Organization. | |
| Name and type of organisation providing education and training | “Carlos III” University, School of Computing, Madrid, Spain, [www.uc3m.es](http://www.uc3m.es) | |
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| Personal skills and competences |  | |
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| LANGUAGES | Spanish, English, German, Italian | |
| Spanish | Mother tongue |
| English | Fluent Certificate of Proficiency in English (C2.2) |
| German | Advanced (C1) |
| Italian | Advanced (C1.2) |
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| Computer / Technical skills and competences | * Workplace: comfortable in small self-managed teams or larger organizations like those part of standard bodies. Used to an Agile workplace environment. * Tools/Software I am comfortable with: NodeJs, Java, Python, Shell Scripting, Orgmode, Markdown, LaTeX, XML, IETF tools, Gantt, Matlab, OverSim, OMNet, GNS3… | |
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| Other skills  and competences | Co-ideating and planning projects, innovation, managing and supervising projects, coordinating among different partners and institutions, budget projecting, assuring material/ technical / human resources. | |
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| Interests | With some friends we own 3 popular Neapolitan restaurants in Helsinki – [www.capperi.fi](http://www.capperi.fi). I read a lot, love to cook and eat. I like to communicate with people. I also love hiking but the long winters make it complicated. | |