PERSONAL INFORMATION

First name / Last name	JAIME JIMÉNEZ
E-mail	jaimejim@gmail.com
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Mobile phone	+358442992827
Date of birth	April 28, 1983

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 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 / ApploT 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.

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
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
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

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 Aalto University (TKK), School of Science and Technology, Helsinki, Finland, www.aalto.fi
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

PERSONAL SKILLS AND COMPETENCES	
LANGUAGES	Spanish, English, German, Italian
Spanish	Mother tongue
English	Fluent Certificate of Proficiency in English (C2.2)
German	Advanced (C1)
Italian	Advanced (C1.2)
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…
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.
INTERESTS	With some friends we own 3 popular Neapolitan restaurants in Helsinki – 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.