

## Curriculum Vitae

# Oriol Rius Canals

## PERSONAL DETAILS

**Name:** Oriol Rius Canals

42 years old, Married with 2 children

**Address:** c/Bosc, 60 - 08775 Torrelavit (Barcelona)

**Mobile:**+34 656 30 76 84

**Spanish driving licences:** A1, A2 and B

**E-Mail:** oriol@joor.net

**Personal site:** <https://oriolrius.me>

**Blog:** <http://oriolrius.cat>

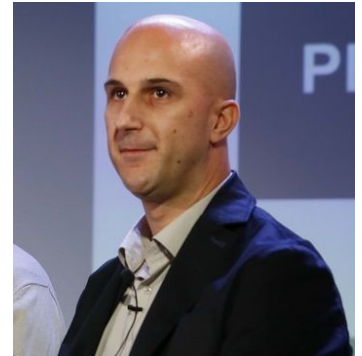
**Skype:** oriol.rius

**Twitter:** @oriolrius

**Facebook:** <http://facebook.com/oriolriuscanals>

**Linkedin:** <http://es.linkedin.com/in/oriolrius>

**Executive Summary:** <https://oriolrius.me/download/oriol-rius-presentacion.pdf>



## PERSONAL PROFILE

- My life motive is to share my knowledge, experience and creativity (SKEC).
- My main professional activities are: mentoring, consulting, training, teaching and speeches.
- Subjects of my activities: remote and/or distributed teams, start-up, Industry 4.0, Internet of Things (IoT), Cloud Computing always using Agile and Lean methodologies, innovation and re-inventing work and way of working.
- Broad experience as a technical and project manager.
- Management and administration capacity for personal and group purposes.
- Extensive experience working with GNU/Linux and open source projects as system administrator, user, programmer and architect designer in different companies.
- Good expression level and public speech capabilities.

## NUMBERS SUMMARY

- **Programador:** 32 years
- **Hacker:** 24 years
- **Speaker:** 20 years
- **Blogger:** 18 years
- **Emprendedor:** 18 years
- **Coaching:** 11 years

## LANGUAGES

- English
- Spanish
- Catalan

## EDUCATION

- 2018: Escuela de Nuevos Negocios (Miquel Baixas)
- 2017: Data Science: Data to Insights (MIT Professional Education)
- 2017: Internet of Things: Roadmap to a Connected World (MIT Professional Education)
- 2017: Design Thinking ("la Salle" University)
- 2015: Introduction to accounting (15h at Aula Penedès)
- 2012: Agile Processes certification (SCRUM)
- 2011: Speed Reading course
- 2011: NLP Practitioner (Neuro Linguistic Programming)
- 2011: Business coaching certification
- 2011: Mindfulness course
- 2011: Personal Branding course
- 2002: Security degree in UPV (Universidad Politécnica de Valencia)
- 2002: Cisco CCNA Certification
- 2001: Bachelor degree: Telecommunication Engineer, speciality telematics in UPC (Universitat Politècnica de Catalunya)
- 1996: Amateur radio licence for high frequencies (144MHz-10GHz)
- 1994: SCO UNIX CERTIFICATION

## AWARDS

- 2000: UNO-E (BBVA online bank) defensive hacking contest
- 2000: Interviewed in TV show talking about hacking
- 2001: Firewall programming contest, organized by ESWARE

## EXPERIENCE

- **2019-now:** Owner and Founder of: [equiposinoficina.com](http://equiposinoficina.com)
  - Mentoring and consulting for companies about how to work with distributed teams and remote work.
- **2019-now:** Universitat Oberta de Catalunya (UOC)
  - Consultant teacher of Internet of Things
- **2019-now:** Owner and Founder of: [industry40.systems](http://industry40.systems)
  - The Open Source IoT Gateway for Industry 4.0 companies
- **2019-now:** Owner and Founder of: [industry40.store](http://industry40.store)
  - Technical education for business people about Industry 4.0
- **2014-2018:** Co-founder and CTO at Nexiona (formerly **M2M Cloud Factory**)
- **2013-2015:** **IEE Empowering** - Intelligent Energy Europe (IEE) Big Data project, aimed at helping customers to save energy by positively managing their energy consumption. Working as solution architect.
- **Finished projects as freelance in 2013:**
  - **periodic:** consultant services in **M2M Cloud Factory**
  - **6 months:** **M2M Greenhouses** project for the **Chilean government**
  - **6 months:** **Media Pro** - Project: 2nd Screen - Professional Football league
  - **3 months:** **Nou-U:** International B2B **MICE** - improving architecture device with NoSQL databases
  - **2 months:** **Wuaki TV** (like Netflix in Spain and UK) - Project: Pre-processing video system
  - **2 months:** **El canal audiodescrito:** audio streaming service for blind people
- **2012-2013:** Co-owner of **muchomail.es** - mass mail company
- **2011-2013:** Co-owner of **La Tienda Emocional** e-commerce of personal development products
- **2007-2012:** CTO at **Vision Robotics and Systems, S.L.** - Highlighted project:
  - **2010-2012:** **El Corte Inglés** software for major digital signage network in Spain and most parts of Europe (23.000 displays)

- **2007-2012:** Consulting services about system administration and mail services at **Lan A2, S.L.**
- **2004-now:** Consulting services about networking and system administration in:
  - **Cartonajes Font, S.A.**
  - **Troquelservis, S.A.**
  - **NT Pack, S.L.**
- **2005-now:** Co-founder of **Ravenca Central 2005, S.L.** - Highlighted projects:
  - **2008-now:** **Nissan** kiosks dining room solution
  - **2006:** **Fotoprix** mobile recharging software for 300 photo shops
  - **2005:** **STA** connecting X25 ATM network to TCP/IP network for mobile recharging purposes
- **2004-2010:** Consulting services about networking and system administration in:
  - **Proquimia, S.A.**
  - **Webcelona, S.L.**
  - **IUL, S.A.**
- **2002-2004:** CTO at **Intermobils I+D, S.L.** R&D for mobile phone solutions
- **2001-2002:** **Inforcom Software, S.L.** first year as an intern and the next year as a system administrator and networking manager

## TECHNICAL SKILLS

### System Administration:

- **UNIX:** SCO UNIX, XENIX, Solaris and SunOS
- **GNU/Linux:** Fedora, RedHat, CentOS, Debian, Slackware and Gentoo.
- **\*BSD:** FreeBSD, NetBSD, OpenBSD
- **Virtualization and Cloud:** VMWare ESX, Xen Server, Amazon Web Services.
- **Deployment:** Vagrant, Ansible, Docker and Puppet.

### Programming:

- **Models and methodologies:** SCRUM, CMMI, ITIL and UML.
- **Scripting languages:** Bash/shell, Perl, Python.
- **Web:** CGI, HTML4, HTML5, CCS2, CSS3, SASS, XML, JSON, JSONP, SOAP, AJAX, SPDY, Websockets, PHP, Python, Symfony, Django, Flask, Eve REST, NodeJS, JavaScript, jQuery, Sencha ExtJS and Sencha Architect 2.
- **Electronics and embedded:** PIC, Arduino and MBED (ARM M3)
- **Other languages:** Java, C, C++, Qt, QML, GTK, LUA, Ruby and LISP.

### Networking:

- Advanced knowledge of **TCP/IP**.
- Deep knowledge of **Bluetooth**.
- **Wi-Fi**: 802.11a/b/g/n/ac
- **Amateur Radio**: AX25, SSTV, ATV, Pactor and Amtor
- **VoIP**: Asterisk and Cisco solutions. Deep knowledge about SIP, AIX, RTP, STUN, STURN and ICE.
- Familiar with **IP protocols**: SNA-IP, SMTP, POP3, IMAP, FTP, HTTP, DNS, IRC, XMPP, NIS, NIS+, NAT, OSPF, RIP, BGP, TOS, QOS, SSL, TLS, IPv4 and IPv6. Many more.
- **Guru level in Internet Mail and fighting against SPAM**.
- **Cisco router** series: 700, 800, 2500, 2600, 3600 and 7200.

#### **Databases, messaging and office tools:**

- **Relational**: Oracle, MySQL and PostgreSQL
- **No relational**: CouchDB, MongoDB, Redis, Memcached, Tokyo Cabinet and BerkeleyDB.
- **Messaging**: ejabberd (XMPP), RabbitMQ (AMQP), ZeroMQ, MQTT, STOMP and Mule ESB
- **Office and Security tools**: OpenAM (AAAA), Bonita Open Solutions (BPM) and Jasper Server (Reports)

#### **Big data:**

- **Hadoop**: MrJob, HDFS, HBase, PIG and HIVE.
- **Python**: PyTables, HDF5, Pandas, SciPy and NumPy.

#### **Multimedia:**

- Deep knowledge of **codecs and muxers**: MPEG1, MPEG2, MPEG4, H264, AAC, AC-3, MP3, OGG, WebM, Matroska, JPEG and PNG.
- **Tools**: ffmpeg, VideLAN (vlc), Image Magick, GStreamer, Photoshop and Gimp.

## **OTHER INTERESTS**

- Posting on my blog page since 2000 about technology, personal development and personal events.
- Traveling around the world, so far this way I have visited 34 countries.
- Playing tennis and practicing spinning (indoor cycling).
- Reading books and blogs about many different things like: NLP, Mindfulness, Science, productivity, Getting Things Done (GTD), organization, Marketing, business management, economics, etc.
- I'm subscribed to 60 blogs to stay updated on technical news.