

# Rubén Rodríguez Pérez

## Curriculum Vitae

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🌐 [quidam.cc](http://quidam.cc)

🔖 [gitlab.trisquel.org/ruben](https://gitlab.trisquel.org/ruben)

*Systems integrator, reliability engineer,  
software architect and developer, release manager.*

A free software enthusiast with a passion for problem solving in a wide set of connected fields. Focused on projects driven by a social mission and a long term commitment to collective empowerment. Always looking for new challenges and learning with other hackers.

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## Experience

- 2004–Present **Project Leader and Founder**, *Trisquel GNU/Linux*  
OS software integration and development, user interface engineering, accessibility and localization, Web development and systems administration, online community management, release management, CI/CD.
- 2014–Present **OS Package Maintainer**, *GNU Project*  
Co-maintainer of *GNU IceCat* and *GNU LibreJS*. Web Browser technology development and maintenance, privacy and security management, Free and Open Source license management, packaging automation.
- 2019–2021 **Chief Technology Officer**, *Free Software Foundation*, Boston  
Systems architecture, project development, team coordination, networking and communications services, security and risk mitigation, compliance, payment systems integration, accounting automation, data mining and analysis.
- 2015–2019 **Senior Systems Administrator**, *Free Software Foundation*, Boston  
Systems deployment and administration, Web development, CRM management, media producing, event hosting and streaming, orchestration and monitoring, telephony and remote communications, hardware procurement and deployment.
- 2012–2014 **Chief Technology Officer**, *ActivityCentral*  
Release manager for the *One Laptop Per Child* (OLPC) deployment in Uruguay, in coordination with *Plan Ceibal*. Systems engineer for OLPC Australia. Team coordination, integration testing, package developer and maintainer.
- 2008–2011 **Chief Executive Officer**, *Sognus Optimal GNU Support*  
Project manager, procurement and execution of government research/development project grants, industry and research lab support.
- 2005–2008 **Chief Technology Officer and Founder**, *Imagos Technical Solutions*  
Project manager, software developer and systems administrator, Web hosting.
- 2003–2008 **Systems Administrator, Web developer**, *University of Vigo*  
Campus network and email administrator, Learning Management Systems developer.

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## Technical skills

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| Development    | Preference for Python, JavaScript/TypeScript, shell and SQL. Experience with most common languages through package maintenance and integration. |
| Networking     | Autonomous System operator, BGP, IpTables, Bind, GRE, DDoS mitigation.  |
| Infrastructure | GNU, CEPH, LibVirt, KVM/Qemu, Coreboot, NFS, PXE, OpenVPN.  |
| Web Systems    | Development, maintenance and deployment of custom modules for Drupal, CiviCRM, MediaWiki, ikiwiki, Plone/Zope, Commerce Kickstart, etc.         |
| Engineering    | GitLab, Jenkins, Ansible, Sbuild, Redmine, RT, CAS, Munin, Nagios.  |
| Distribution   | APT and RPM packaging, WebExtensions, XO-Activities, repo management.   |
| Communications | Exim, Mailman, WebRTC, Jitsi, XMPP, BigBlueButton, Mumble, Asterisk.  |
| VR / Game dev  | Godot, Monado, OpenXR, Pygame, Blockly.   |
| Media          | L <sup>A</sup> T <sub>E</sub> X/LyX, GStreamer, InkScape, Gimp, DarkTable, KDElive. Photographer, videographer and graphic/Web designer.        |

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## Languages

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| Spanish | Native           | Galician   | Native            |
| English | Near-native (C2) | Portuguese | Intermediate (B1) |

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## Non-profit participation

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|--------------|--|
| 2010-Present | <b>Co-founder and president</b> , <i>Trisquel GNU/Linux project</i>                |
| 2007         | <b>Co-founder</b> , <i>Galician association of Free Software companies, AGASOL</i> |
| 2003         | <b>Co-founder</b> , <i>GNU/Linux user group of Ourense, GULO</i>                   |

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## Education

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| 2000–2010 | <b>Bachelor of Computer Science ISCED: 6</b> , <i>University of Vigo, Spain</i> |
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## Research and Development projects

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| 2021-Present | <b>Stereopsis, VR driven amblyopia treatment</b><br>Virtual Reality treatment and visual training tools for amblyopia/strabismus.   |
| 2020         | <b>LibreAdventure</b> , Boston, US<br>Free/Open Source virtual remote workspace for conferences, fork of <i>WorkAdventure</i> .   |
| 2020-2021    | <b>jShelter WebExtension</b> , Boston, US<br>Browser extension for increased security and privacy in the JavaScript engine. Secured grant by NLnet, project coordinated by the Free Software Foundation |
| 2018         | <b>GNU LibreJS</b><br>A web browser extension for blocking non-free JavaScript. Co-maintainer.  |
| 2015-2017    | <b>Blockly-Minetest</b><br>Block-based visual programming interface for <i>Minetest</i> (free <i>Minecraft</i> clone).  |

- 2014-Present **GNU IceCat**  
A web browser focused on privacy, security and license rights. Co-maintainer.
- 2012 **Dextrose XO Operating System**, Montevideo, Uruguay  
Custom operating system for OLPC XO computers. Release manager.
- 2011-Present **SugarLabs TOAST**  
Educational operating system based on the *Sugar* learning platform.
- 2009 **EXPLICA development project**, Ourense, Spain  
CRM and traceability tool for food industries.  
Secured grant by Spanish ministry of industry ref: 07SIN011CT
- 2008 **IT study of Galician agricultural coops**, Ourense, Spain  
Field study of IT requirements for the modernization of local farms.  
Secured grant by Galician regional government ref: IN830A
- 2006 **AXILICE development project**, Ourense, Spain  
Free software traceability tool for food industries.  
Secured grant by Spanish ministry of Industry, ref: AF30.2006.1.9
- 2006 **Trisquel GNU/Linux and Trisquel Enterprise OS**, Ourense, Spain  
Development of an operating system for general application and enterprise users.  
Secured grant by Universidad de Vigo ref: INOU06 / IN520A
- 2005 **HPC cluster Tomcat@politecnico**, Ourense, Spain  
Hybrid *OpenMosix+Beowulf* distributed computation cluster.  
Secured grant by Universidad de Vigo "Programa INOU" ref: INOU05
- 2003 **FCOU Virtual**, Ourense, Spain  
E-learning platform and portal site of the University of Vigo sciences faculty.

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## Speaker at Events and Conferences

- 2012-2022 **LibrePlanet**, MIT/Harvard/UMass, Boston, US. (Speaker and organizer)
- 2022 **Congreso EsLibre**, Vigo, Spain
- 2019 **Wikiconference North America**, MIT, Boston, US. (Tech support)
- 2018 **SeaGL**, Seattle Central College, Seattle, US
- 2018 **FOSS CON KOREA 2018**, Seoul, Korea
- 2018 **Congreso Internacional de Software Libre**, Zacatecas, Mexico
- 2016 **LibreLearnLab**, MIT, Boston, US. (Organizer)
- 2014 **OpenEdJam**, San Antonio, US
- 2013 **OLPC Community Summit**, SFS University, San Francisco, US
- 2012 **Northeast GNU/Linux festival**, Worcester, US
- 2012 **III Congreso Internacional de Software Libre**, Quito, Ecuador
- 2012 **1.edu and EduJAM!**, Montevideo, Uruguay
- 2011 **SugarCamp**, Quechua/Aimara translation hackathon, Lima, Peru
- 2011 **Congreso Internacional de Software Libre**, Zacatecas, Mexico