

# Jorge Rúa Riveiro

SYSTEMS ENGINEER · SECURITY EXPERT

Avda. Camelias 82 6A. Vigo, Spain

☎ (+34) 617 624 715 | ✉ jruariveiro@gmail.com | 💻 jruariveiro | 📺 jorgeruariveiro | 🐦 @jruariveiro | 📷 jruariveiro

“Cogito, ergo sum.”

## Presentation

### DEFCON Wireless Village (Wireless Hacking)

Las Vegas, USA

PRESENTER FOR <DEFCON 22TH : THE WAY TO GO TO LAS VEGAS>

Jul. 2014

- Reinventing Beacon Frames for fun and profit.

## Experience

### PCarrier

A Coruña, Spain

LINUX PROFESSIONAL INSTITUTE INSTRUCTOR

Nov. 2011 - Current

- Instructor for LPIC Certifications levels 1,2,3.

### GRADIANT

Vigo, Spain

SECURITY RESEARCHER

Jan. 2014 - Aug. 2014

- Evaluating security mechanisms for different projects and environments focused on authentication and cryptography.
- Implemented an ad-hoc OAuth PHP server for authentication.
- Lead engineer on Calipesca project.

### Electronic Arts (Vendor)

A Coruña, Spain & Austin, U.S.A

SYSTEMS ENGINEER

Oct. 2011 - Jan. 2014

- Team Leader for the L3 Unix Online gaming platform at Electronic Arts (Fleet of +15k Red Hat Servers).
- Main activities & responsibilities: DNS administration, LDAP administration, SSL certification creation/renewal, Troubleshooting, VMWare/Xen/KVM virtualization, MySQL & Oracle administration, AWS, PCI environment administration.
- Full server cycle management: Deployment(Cobbler, Spacewalk, Puppet), Management/Troubleshoot, Decommission.
- Security projects: DNS blackhole, real-time rootkit & malware detection.
- Implemented ad-hoc scripts for various purposes.

### WirelessGalicia

Vigo, Spain

SOFTWARE ENGINEER

Sep. 2010 - Jun. 2011

- Developed Wireless Sensor Network (WSN) backend in Python.
- Implemented PHP sites with Symfony2 framework.

### Quality Management

Vigo, Spain

SYSTEMS ENGINEER TRAINEE

Apr. 2005 - Nov. 2006

- Performed systems administration tasks: Firewalling, Mail server, Backups, VPN, VoIP, Troubleshooting.

## Education

### University of Vigo

Vigo, Spain

BACHELOR DEGREE IN COMPUTER SCIENCE AND ENGINEERING

Sep. 2011 - Jul. 2013

- Principal subjects covered: Software Engineering, Software design and patterns, Networking and Systems Administration.
- Score: B

### Rey Juan Carlos University & Igalia

A Coruña & Madrid, Spain

MASTER DEGREE IN FREE SOFTWARE

Sep. 2011 - Jul. 2013

- Principal subjects covered: Free software communities, Free software licensing, Unix/Linux Systems Administration.
- Principal subjects covered: Desktop and mobile development(Meego & Android), Web development(Java & ZK Framework).
- Score: B

### University of Vigo

Vigo, Spain

BACHELOR IN COMPUTER SCIENCE

Sep. 2005 - Jul. 2009

- Principal subjects covered: Software Engineering, Software design and patterns, C/C++, Java, C#, Python, PHP.
- Score: B

### IES Teis

Vigo, Spain

HIGHER LEVEL VOCATIONAL TRAINING AT COMPUTER SYSTEMS MANAGEMENT

Sep. 2003 - Jun. 2005

- Principal subjects covered: Windows/Linux Systems Administration, Database Administration, Networking.
- Score: B

## Computer Skills & Certifications

---

<b>Programming</b>	Python, Bash, C/C++, Go, Java, LaTeX
<b>Databases</b>	MySQL, MongoDB, Oracle.
<b>Cloud Computing</b>	OpenStack, AWS.
<b>Configuration Management</b>	Ansible, Puppet.
<b>Red Hat Certified Engineer</b>	Id. 130-045-719
<b>Red Hat Certified Systems Administrator</b>	Id. 130-045-719
<b>Linux Professional Institute Levels 1,2,3</b>	Id. LPI000221219
<b>MongoDB Certified DBA</b>	Id. 281-562-737
<b>MongoDB Certified Developer</b>	Id. 954-027-793

## Personal Skills & Interests

---

<b>Teamwork</b>	Respect the others, share my knowledge is my motto.
<b>Proactivity</b>	Take the lead, anticipate, be the first.
<b>Resolution Capacity</b>	Great ability to solve and take decisions.
<b>Languages</b>	Fluent English, Spanish and Galician. Italian and Portuguese basic understanding.
<b>Hobbies</b>	Mountain biking, Diving, Fishing.