Jorge Rúa Riveiro

SYSTEMS ENGINEER · SECURITY EXPERT

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"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

Daft.ie   *Dublin, Ireland*

SYSTEMS ENGINEER   *Jul. 2016 - Current*

- Systems Engineering for Daft.ie.

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 & responsabilities: 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

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

Computer Skills & Certifications

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

Personal Skills & Interests

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