



Tomás Pinho

Curriculum Vitae

Experience

- Aug '16 → **Systems Administrator and DevOps**, *Optylon*, Lisbon.
Deployments on AWS EC2 using Ansible; Logging with ELK; Node.js backend security development
- Feb – Jul '16 **Software Engineering Practical Lessons Lecturer**, *Instituto Superior Técnico*, Lisbon.
- Nov '13 –Jul '16 **Systems Administrator**, *RNL, Instituto Superior Técnico*, Lisbon.
Maintenance of 90+ workstations + servers (hardware/software). Packaging for Debian/OpenSUSE, deployments (Puppet and Ansible) and development of internal tools.

Education

- 2011–2016 **Master Degree in Information Systems and Computer Engineering**, *Instituto Superior Técnico*, Lisboa, *Average of 16.5/20*.
Specialization in Distributed Systems. Thesis: *UpdaThing - A secure and open firmware update system for Internet of Things devices*

Languages

Portuguese Native English Fluent (C2)

IT Skills

Languages	Bash, Clojure, Java, JavaScript (Node.js), Lisp, PHP, Python	Misc	HTTP APIs, Reverse-engineering, Pentesting, HTML5, CSS3
CD/CI	Ansible, Docker, Jenkins, Puppet	OSs	ArchLinux, Debian/Ubuntu, SUSE
Services	Apache, HAProxy, MySQL, NGINX, Postfix/Dovecot, PostgreSQL	Cloud/Virt	AWS EC2/S3, DigitalOcean, KVM/libvirt

Interests

Academical Scalable Distributed Systems, Information Security, Internet of Things
Hobbies Electric/Acoustic Guitar, Music Composition and Production