

Jose Antonio Olivera Ortega

Software Engineer
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EXPERIENCE

TELEFONICA | <http://tid.es> | Open Web Technologies

Nov 2009 - Jul 2015 | Madrid, Spain

Role: Software Engineer. **What I did:** Building Firefox OS from scratch. Hacking on the Mozilla platform (AKA Gecko) and on several Firefox OS apps. **Keywords:** C++, XPCOM, GSM Supplementary Services, WebRTC, Service Workers, Javascript, OMA CP.

TELEFONICA | <http://tid.es> | Networked Vehicles

Nov 2009 - Jun 2007 | Madrid, Spain

Role: Software Engineer. **What I did:** Linux kernel hacking. Building a kernel module which implemented a simple handover mechanism for transparent, always-on V2V communications. **Keywords:** Embedded Systems, Linux Kernel, Netfilter, RFC 2003, C, VANETs, 3G, Intelligent Transportation Systems (ITS).

TECNOBIT | <http://www.tecnobit.es>

Sept 2003 - Jan 2004 | Valdepeñas (Ciudad Real), Spain

Role: Software Engineering Intern. **What I did:** Hacking on several QA tools and on a new information system for the quality assurance department. **Keywords:** Java, MySQL, ERP.

RESEARCH

ARCO GROUP | <https://arco.esi.uclm.es/en>

Jan 2004 - Jun 2007 | University of Castille-La Mancha, Ciudad Real, Spain

Role: Researcher. **What I did:** Building a prototype for multimedia data broadcasting in MANETs. **Keywords:** Embedded Systems, C++, ZeroC ICE, Zeroconf, MANETs, Ambient Intelligence.

OPEN SOURCE

AOSP	Contributor
Firefox Browser	Contributor
Firefox OS	Module Peer (Settings, WAP Push and Firefox OS Hello app)

AWARDS

2007	Best Undergraduate Thesis	InfoGlobal Awards (6 th edition)
2007	Best Undergraduate Thesis	Savings bank 'Caja Castilla La Mancha' (CCM) Awards

PUBLICATIONS

- [1] J. A. Olivera et al. Multimedia data transmission in manets for intelligent environments. *International Symposium on Ubiquitous Computing and Ambient Intelligence*, 2007.
- [2] J. A. Olivera et al. Vanba: a simple handover mechanism for transparent, always-on v2v communications. *Proc. IEEE 69th Vehicular Technology Conference (VTC2009-Spring)*, 2009.

SKILLS

PROGRAMMING

Proficiency

C • C++ • Javascript
 Familiarity
 Java • Python

WORKED/PLAYED WITH

Firefox OS • Android
 MeeGo • Maemo • LiMo • Symbian
 Gonk (Firefox) • Webkit (Chrome)
 Linux Kernel • Netfilter
 MANETs • VANETs
 ZeroC ICE • Corba

PERSONAL SKILLS

Easy going • Team player
 Proactive personality • Avid learner

INTERESTS

Open Source Software Engineering
 Open Mobile OSes
 The Web, Web APIs, Web Services
 IoT, M2M
 VANETs, MANETs
 Big Data, Cloud Computing
 Distributed Systems

EDUCATION

UNIVERSITY OF CASTILLE-LA MANCHA

MS in Computer Science (student)

Ongoing | Ciudad Real, Spain
 School of Computer Science

UNIVERSITY OF CASTILLE-LA MANCHA

BS in Computer Science
 Sept 2006 | Ciudad Real, Spain
 School of Computer Science

LINKS

Github:// [jaoo](#)
 LinkedIn:// [jaoo](#)s