

# Jose Antonio Olivera Ortega

Software Engineer  
<http://jaoo.es> | [jaoo@jaoo.es](mailto:jaoo@jaoo.es) | +34667447797

## EXPERIENCE

### TELEFONICA | <https://tokbox.com> | TokBox, Inc.

Jul 2015 - Present | Madrid, Spain

**Role:** Software Engineer. **What I am doing:** Contributing to the OpenTok native codebase. **Keywords:** WebRTC Native APIs, Android, iOS, desktop (macOS, Linux, Windows).

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

Nov 2009 - Jul 2015 | Madrid, Spain

**Role:** Software Engineer. **What I did:** Contributing to Firefox OS. 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)

## 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, WebRTC  
 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