

Olivier Mehani

29 years old

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French
 French and Australian (NSW) driver's licence

Education

2011	PhD in Computer Science, Mines ParisTech/UNSW (Australia) Contributions to Mechanisms for Adaptive Use of Mobile Network Resources cotutelle with École des Mines de Paris and the University of New South Wales
2007	MSc in Complex Adaptive Systems, Chalmers University of Technology, Göteborg (Sweden) International Masters Programme
2007	MSc in Computer Science, UTC (Université de Technologie de Compiègne, France) majoring in Systems and Networks

Relevant experiences

2011 (<i>current</i>)	Nicta (National ICT Australia), Sydney, researcher optimising quality of experience in heterogeneous mobile networks development and evaluation of instrumentation and reporting tools
2008–2011	Nicta/Inria, PhD research research work in Nicta's Networked Systems Theme and Inria's Imara project-team
2007–2008	Inria (French National Institute for Research in Computer Science and Control), Imara Project-Team, network mobility/IPv6 engineer technical coordination for the Com2REACT european project design and maintenance of a vehicular ad-hoc network (VANET) design and implementation of an IPv6 mobility testbed maintenance of an embedded vehicular router Linux system
June 2006 (<i>6 months</i>)	Inria, Imara Project-Team, algorithmics conception and development of speed-adjusting algorithms for autonomous road vehicles

Projects

2005	Free software presentation day, gullUTC organisation of the first event of the like, featuring conferences and an install party
2003–2004	Development of an autonomous drone (DGA/Onera contest), UTC conception and realization of the embedded hardware and software of the flying agent technologies : Rabbit 3000 microcontroller, uC/OS-II real-time OS
2002–2004	Network administration, University of Marseilles installation and administration of a small network composed of 6 stations and one server technologies : GNU/Linux, iptables, DHCP, DNS, NIS

Technical skills

- **Languages** : C (GNU, ANSI), Java, C++, shell scripts, Python, PHP, LISP, Prolog, assembly (68k and x86)
- **Systems** : Unix (GNU/Linux, OpenBSD, IRIX, HP-UX, Solaris), Windows (3.1 to 98 and NT4 to 2000)
- **Networks** : IP (v4 and v6), IPX, Netbios, basic services (DNS, DHCP, etc.)
- **Data representation and management** : XML, SQL (MySQL, PostgreSQL)
- **Software engineering** : UML, B method
- **Artificial Intelligence** : Neural networks, genetic algorithms, agent-based systems

Languages

- **English** : fluent (TOEFL score 263/300, TOEIC score 920/990), good understanding of technical english
- **Spanish** : practical level
- **German, Swedish** : basics

Cultural activities

- assurer for Web-of-Trust-driven certificate authority CAcert
- member of the G6/TFF French IPv6 taskforce
- former active member in charge of the gullUTC (UTC's Free software users group)