

**Olivier Mehani**

Nicta, Networked Systems Theme  
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27 years old  
 Single  
 French  
 French driving licence

**Education**

2007–2010	<b>PhD student in Computer Networks, Mines ParisTech/UNSW (Australia)</b> Pervasive Networks and Ambient Intelligence Applications École des Mines de Paris/University of New South Wales cotutelle agreement
2007	<b>MSc in Complex Adaptive Systems, Chalmers University of Technology, Göteborg (Sweden)</b> International Masters Programme
2007	<b>MSc in Computer Science, UTC (Université de Technologie de Compiègne, France)</b> majoring in Systems and Networks
2003	<b>Engineering Technologist Degree in Electrical Engineering and Computing, University of Marseilles (France)</b> majoring in Local Industrial Networks (ranked first)
2000–2001	<b>Esiee Paris, (French Engineering School in Electrotechnics and Electronics)</b> first year of the preparation cycle
2000	<b>French scientific baccalauréat, G. Flaubert High School, Rouen, France</b> European section, physics/chemistry option

**Relevant experiences**

Jul. 2009 (6 months)	<b>Inria (National Institute for Research in Computer Science and Control), France, PhD research</b> research work with the Imara Project-Team
2008–2010	<b>Nicta (National ICT Australia), Sydney, PhD research</b> research work in the Networked Systems Theme
2007–2008	<b>Inria, Imara Project-Team, network mobility/IPv6 engineer</b> 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 (6 months)	<b>Inria, Imara Project-Team, algorithmics</b> conception and development of speed-adjusting algorithms for autonomous road vehicles
Sept. 2004 (6 months)	<b>Linbox/Free ALter Soft, Free software porting</b> automation of the compilation process of Free software for proprietary Unices technologies : GNU toolchain, php, PostgreSQL, Solaris, HP-UX, IRIX
April 2003 (2 mon. 1/2)	<b>Caisse d'Épargne PACR, network administration</b> development of and automated application update processus for mobile laptops technologies : Visual C++, VBScript
July 2001 (1 month)	<b>Araknyde, web development</b> development of the interface between a database server and a web site technologies : php, MySQL, Apache, GNU/Linux
August 2000 (1 month)	<b>Grande Paroisse, internship in a chemical lab</b> daily testings of industrial residues performance tests of filters for use in an automated testing machine
February 2000 (5 months)	<b>Darnétal (France) city council, animation of a computer workshop</b> supervision of a group of children aged between 10 and 15 organisation of activities in order to discover the computer

## Projects

2005	<b>Free software presentation day, gullUTC</b> organisation of the first event of the like, featuring conferences and an install party
2003–2004	<b>Development of an autonomous drone (DGA/Onera contest), UTC</b> 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	<b>Network administration, University of Marseilles</b> installation and administration of a small network composed of 6 stations and one server technologies : GNU/Linux, iptables, DHCP, DNS, NIS
2002–2003	<b>Conception of an autonomous robot, University of Marseilles</b> development and building of a two-wheeled robot technologies : PIC16F877, discrete electrical components

## 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
- **Chinese** : rudiments

## Cultural activities

- member of the G6/TFF French IPv6 taskforce
- former active member in charge of the gullUTC (UTC's Free software users group)
- former member of the student union of the GEII departement of the University of Marseilles
- novels, mainly fantasy and science-fiction
- role-playing games (both tabletop and live-action)
- bass guitar