

Olivier Mehani

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

Education

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| 2007–2010 | PhD student in Computer Networks, Mines ParisTech/UNSW (Australia) Pervasive Networks and Ambient Intelligence Applications École des Mines de Paris/University of New South Wales cotutelle agreement |
| 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 |
| 2003 | Engineering Technologist Degree in Electrical Engineering and Computing, University of Marseilles (France) majoring in Local Industrial Networks (ranked first) |
| 2000–2001 | Esiee Paris, (French Engineering School in Electrotechnics and Electronics) first year of the preparation cycle |
| 2000 | French scientific baccalauréat, G. Flaubert High School, Rouen, France European section, physics/chemistry option |

Relevant experiences

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

Projects

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| 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 |
| 2002–2003 | Conception of an autonomous robot, University of Marseilles development and building of a two-wheeled robot technologies : PIC16F877, discrete electronical 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

- 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)
- 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