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27 years old — Single

# Free Software Computer Scientist
# & Systems Engineer

## Professional activities

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| Since 2010 | *Temporary lecturer* at Université d'Auvergne (see the *Lectures Given* section bellow) |
| August 2010–2012 | Research Engineer and senior systems administrator for *HealthGrid*, an association that aims to develop grid technologies usage for healthcare. Training of future grid-sites administrators (part-time activity) |
| Since July 2010 | *Freelance Systems Engineer.* Various missions |
| August 2008–2010 | Co-entrepreneur for medical information system empowering solutions |
| August 2006–2008 | System engineer for *HealthGrid*. Systems administration, projects management and various developments |
| April–July 2006 | Improvements of the *Netwoco* software package, an hard disk failure prevention tool based on disks SMART (*Self-Monitoring, Analysis and Reporting Technology*) capabilities, a technology embedded in most recent hard disks. *DataBase Bank* |
| March–June 2005 | Implementation of a loop unroll option for *CLooG* (the code generator of *Chunky*, a prototype of code optimizer) in order to avoid modulo based tests in generated loops, and so produce faster code |
| Since 2004 | Initiator and main developer of *Blogreen*, an open-source free-formed XML Model-View-Controler mapper into websites |
| July–August 2002 | 7 weeks training course in the *biomedical department* of the *CHU of Clermont-Ferrand* (a hospital). Development of a *dedicated backup utility* and a *network based serial number generator* |
| 2001–2004 | Coordinator of a Web development club for teenagers in a secondary school |

## Lectures Given

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| 2011–2012 | • *Computers Operating Systems* to 3-years undergraduate degree students in *Networking & Telecomunications* |
| | • *Computers Operating Systems* to 1-year undergraduate degree students in *Computer Science* |
| | • *System Programming* to 1-year undergraduate degree students in *Networking & Telecomunications* |
| | • *Networking* to 3-years undergraduate degree students in *Computer Science* |
| 2010–2011 | • *Computers Operating Systems* to 3-years undergraduate degree students in *Networking & Telecomunications* |
| | • *Computers Operating Systems (advanced)* to 2-years undergraduate degree students in *Networking & Telecomunications* |
| | • *Networking* to 3-years undergraduate degree students in *Computer Science* |
| | • *C Programming* to 2-years undergraduate degree students in *Physics* |

## Education

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| April 2007 | *Asterisk Bootcamp*: a 5-day in-depth course for Asterisk consultants, resellers and developers |
| December 2006 | Introduction to the development of grid applications based on the *Globus Toolkit*, *Poznan Supercomputing and Networking Center* |
| October 2006 | *EMBRACEE — EGEE tutorial*. Setup and deployment of grid nodes using the *gLite* middleware |
| September 2006 | Bachelor's degree in Embedded Computer Sciences and Robotics, *Institut Universitaire Technologique d'Auvergne* |
| August 2005 | Two year university diploma in Informatics, *Institut Universitaire Technologique d'Auvergne* |
| June 2004 | Two year Undergraduate degree in *Electronics* |
| 2002 | High School Diploma in *Electronics* |

## Computer experience and knowledge

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| Systems | Everyday and administrative usage of UNIX-like operating systems: FreeBSD (expert), NetBSD, GNU/Linux (Debian, Red Hat, …) |
| Development | Expert in Object Pascal, Pascal, PHP and 68xxx assembler. Advanced skills in C, C++, Cobol, Unix shell scripts development and x86 assembler. Expert in web-development (XML, XSL, XPath, XHTML, CSS, …) |
| Databases | Management of MySQL and PostgreSQL servers. Usage of Oracle servers. Very good skills in SQL and SQL-like languages (MySQL) |

## Miscellaneous

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| Languages | Upper intermediate level in English. Native French speaker (mother tongue) |
| Community life | *FreeBSD* committer (maintainer of a few ports, active member of the BSD# group that aim to maintain Mono ports for FreeBSD, …) |
| Art | Cinema (David Lynch, Darren Aronofsky), photography, art in general and more precisely *experimental* art and *nonsense* (Douglas Noel Adams). Painting and shooting |
| Driving | Clean French driving licence |