

Romain Tartière
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France
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26 years old – Single

Free Software Computer Scientist & Systems Engineer

PROFESSIONAL ACTIVITIES

- Since September 2010: *Temporary lecturer* at Université d'Auvergne (see the *Lectures Given* section below)
- Since August 2010: Grid-sites 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, abandoned because of the lack of interest for the french medical system to anticipate upgoing changes
- 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
- 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*
- 2001–2008: Development of various software packages made available over the Internet. Administration and webmastering of the deployment website, [Astase.com](#)
- 2001–2004: Coordinator of a Web development club for teenagers in a secondary school

LECTURES GIVEN

- April 2011: *Computers Operating Systems (advanced)* to 2-years undergraduate degree students in *Networking & Telecommunications*
- March 2011: *Network* to 2-years undergraduate degree students in *Computer Science*
- February 2011: *C Programming* to 2-years undergraduate degree students in *Physics*
- September 2010: *Computers Operating Systems* to 3-years undergraduate degree students in *Networking & Telecommunications*

EDUCATION

- 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 3.0* 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

- Systems: Everyday and administrative usage of FreeBSD (expert), NetBSD, GNU/Linux (Debian, Red Hat, Gentoo, ...)
- 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)
- Tools: Good working knowledge of Delphi IDE (participation to Borland's field tests of new Delphi releases) and of its ITE. UML and Merise modelisation of applications

MISCELLANEOUS

- 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 N. Adams). Painting and shooting
- Other: Clean French driving licence