

Olivier COUPELON

Age: 24 years old, born in Angers (France)

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Experience

2007 : LIMOS laboratory, Web Services - Ph.D. student

- ◆ Improvement of the scalability of business protocols operators
- ◆ A query language for web services business processes
- ◆ Ph.D. Adviser: Farouk Toumani
- ◆ Collaboration with Boualem Benatallah, from University New South Wales, Sydney, Australia

2007 : LIMOS laboratory, Web Services - 5 months master internship

- ◆ Web services orchestration with BPEL
- ◆ BPEL engines optimization

2006 : Michelin, IT security - 3 months internship

- ◆ Analysis of the whole Group's computer security system.
- ◆ Standardization of the security rules
 - Collaboration with IBM
 - ISO/IEC 17799:2005 standard

2005 : Limagrain, IT service - 1 month short term contract

- ◆ Migration of Linux servers to Windows 2000

2004 : Artepict - 4 months internship + 8 months short term contract

- ◆ Professional websites development
- ◆ Network administration of the company
- ◆ PHP and Flash applications development

Education

2007 : Master by research degree in computer science, ranked **2 over 25 persons**, rather good mention (Blaise Pascal university)

2005 : "Licence" (Bachelor degree) in computer science, rather good mention (Blaise Pascal university)

2004 : "Brevet de Technicien Supérieur" (*Technician degree*) in computer science for management (Presles Lycée, Cusset)

2001 : Scientific Baccalaureate (High school diploma) (Jeanne d'Arc Lycée, Clermont-Ferrand)

Skills

- ◆ **Languages** : C/C++, Java, PHP, SQL, XML, Visual Basic, Assembly x86, Actionscript (Flash MX)
- ◆ **Databases** : Oracle, MySQL, Access
- ◆ **Operating systems** : Windows 98/2000/XP, GNU/Linux, Unix
- ◆ **Conception, modeling** : Merise, UML
- ◆ **Desktop softwares** : Word, Excel, PowerPoint, OpenOffice
- ◆ **Networks** : MPI, OpenPBS, TCP/IP
- ◆ **Computer science security**: Cryptography, INCAS Method, PKI

Languages

- ◆ French : Mother tongue
- ◆ English : Fluent (TOEIC : **885/990 points**, in February 2006)
- ◆ German : Bases, I spend three years in Germany.

Interests

- ◆ Leisure : Hiking, nature
- ◆ Personal project, **meta-search engine** (www.teardrop.fr) :
 - Written in C++, portable (Linux, Windows and MacOS X)
 - Simultaneous querying of search engines (Google, Yahoo...)
- ◆ Car driving license

