

Virginie BOTTOLLIER

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Java Software Engineer

Work Experience

→ *Since October 2005*: **Engineer at INRIA** (The Institute for Research in Computer Science and Control Theory), in the ACACIA team, in Sophia Antipolis (FRANCE). I worked on a semantic web engine called Corese (Corese Resource Search Engine): 300 classes for 100 000 lines.

My contributions:

- **Application development:**

- Modification of the existing query language to SPARQL, a future W3C standard
- Design and implementation of a new user interface
- Addition of new functionalities to Corese, such as the possibility to select functions or the setting of a web service (using Axis, Tomcat)
- Training “Creating Web Services for Java”, Valtech’Training, 4 days in June 2007, Paris
- Reorganization of all the exceptions of the project, set up a logger (log4j)
- Writing lots of tests (using JUnit)

- **Project Management:**

- Installation of the project on INRIA’s forge, change the versioning system to Subversion, forward planning

- **Documentation:**

- Redaction of a user manual (<http://www-sop.inria.fr/acacia/corese/manual/>)

Website: <http://www-sop.inria.fr/acacia/corese/>

Keywords: Java, RDF, SPARQL, Semantic Web, Subversion, Forge, Documentation, Project management

→ *March 2005 - September 2005*: **3rd year internship** (6 months) at TELEMETRIS (a computer science and consulting agency), in Issy les Moulineaux, near Paris.

I worked on two Java software intended to the Customer Relationship Management environment. The first one is used by managers to have a direct visibility of all their customers’ platforms and the second one is used to evaluate all the teleagents of a firm.

My contributions:

- **Application development:**

- Software personalization: users preferences, languages management, creation of personalized report
- Migration to ASP (problems with databases, login, security...)

- **Knowledge transference:** commented code, documents writing, explaining to my successor problematic of ours software

Website: <http://www.telemetris.com/>

Keywords: Java, JSP, Database, ASP, Struts, CRM, Tomcat, JasperReport

→ *Summer 2004*: **2nd year internship** (2 months) at Hachette Filipacchi Médias, in Levallois Perret, Paris.

I created the administrative part of a dynamic website (Intranet).

Keywords: PHP, Database (MySQL), Intranet

Education

2002-2005: **Computer Science Engineer Degree** (undergraduate degree), speciality "Computer Networks and Multimedia Communication", option Multimedia at Polytech’Grenoble, (FRANCE) <http://polytech.ujf-grenoble.fr/>

- 3rd year at Linköping Universitet (SWEDEN), taking courses for a master in “Communication and Interactivity” <http://www.liu.se/en/> (One project per course: Human-Machine Interaction, Databases, Computer Networks, Cryptology, Distributed Architecture, Artificial Intelligence, Security...)

- 2nd year projects:
 - o Realisation of a graphic interface for a Thales multimodal system, in java (Swing, JGraph)
 - o Realisation of a LISP compiler in Java

2000-2002: **DEUG MIAS**, (a two-year university degree in Mathematics, Physics, Computer Science), at Université Joseph Fourier (Grenoble, FRANCE) <http://www.ujf-grenoble.fr>

2000: **Scientific Baccalaureate** (speciality mathematics)

Technical skills

Languages: JAVA, JSP, XML, UML, SQL, PHP, HTML, CSS, C, Lisp

Operating systems: Windows, UNIX

Tools: Eclipse, Subversion, JUnit, Ant, Word, PowerPoint, Excel

Languages

French: Mother tongue

English: Fluent (9 years + 7 months in Sweden)

German: Notions (5 years), **Spanish, Swedish:** notions

Extra-professional activities and skills

Assets:

- Driving licence, own car
- BAFA (camp counselling qualification, 1999-2000), AFPS (first aid and CPR, 1999)
- Member of a student association at Polytech'Grenoble (2003-2004)

Activities:

- *Artistic:* Violin, Dance, Theatre
- *Sports:* Mountain trekking, Snowboard, Walk
- *Travel:* Sweden, England, Germany, Guadeloupe, Greece, Tunisia

Referees

Olivier CORBY: Researcher, Scientific correspondent in ACACIA team

✉ Olivier.Corby@sophia.inria.fr ☎ +33 492367871

David REY: DREAM engineer, Technical correspondent

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Karin PHILIPPE: Computer science project manager

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