

### PERSONAL INFORMATION

Birth date: July 7th, 1988 (26 years old)  
Birth place: Nîmes, France  
Nationality: French

Email: martin@filliau.com  
Website: <http://martin.filliau.com>  
Driving license

### SUMMARY

Currently Software Developer at University of Oxford, I am always looking for new, challenging opportunities (mainly in Europe).

### PROFESSIONAL EXPERIENCE

**University of Oxford** (IT Services), Oxford, UK

Software Developer

**Nov. 2011–Present**

- (RESTful) web services: federation of services and data integration
- Mobile applications: Mobile Oxford, Explore Oxford Museums App
- Web applications: status.ox, maps.ox, Telecoms Self-Service
- Work on infrastructure: automated provisioning and deployment and tools to monitor performances (event logging and metrics)

**Spotter** (media monitoring agency, [www.spotter.com](http://www.spotter.com)), Montpellier, France

Intern in project management and development

**Dec. 2009–Sept. 2010**

- Identify business needs for a new product; write specifications
- Prototyping (using Java Enterprise technologies: EJB 3.1, JSF 2)

**LABEL** (communication agency, [www.label.ch](http://www.label.ch)), Geneva, Switzerland

.NET Developer

**July–October 2009**

- Development of web applications using Microsoft .NET 2.0 technologies
- Conception and refactoring of databases (SQL Server).
- Participation to a plugin for Tortoise (Subversion client for Windows) in order to integrate Subversion and Redmine (project management web application).

**Spotter** (media monitoring agency, [www.spotter.com](http://www.spotter.com)), Montpellier, France

Intern in development

**Nov. 2008–June 2009**

- Conception and development of a business application as a Firefox extension (XUL, JavaScript) and associated RESTful web services (Java EE, EJB 3).

**Marvel Communications SA** (web agency, now LABEL), Geneva, Switzerland

Intern in web development

**07/2008–10/2008, 07/2007–10/2007**

- Development of web applications using Microsoft .NET 2.0 (ASP.NET, C#).
- Conception and refactoring of databases (SQL Server).

### EDUCATION

**Oxford Brookes University**, School of Technology, Oxford, UK

MSc (Distinction) in Computer Science

**2010 - 2011**

- Areas of Study: Paradigms of Programming, Middleware, Structured Data, Software Project Management, Semantic Web, Pervasive applications, Research and Study methods
- Dissertation: "Semantic mashup to query localised data" (Distinction)

**SUPINFO**, Montpellier, FranceMSc in Computer Science & Information Technology **2006 - 2011**

- Areas of Study: Computer Science (Programming, Databases, Network principles) and management (marketing, finance...)

**Lycée Daudet**, Nîmes, FranceFrench Baccaauréat (A level), Scientific **2006****LANGUAGES**

- **French**: mothertongue
- **English**: fluent (TOEIC March 2010: 970/990)
- **Spanish**: basic

**COMPUTER SKILLS****Development**

- Modular application architecture
- Java J2EE (EJB 3.1, JSF 2, JPA 2, Dropwizard...)
- Python (Flask, Django...)
- JavaScript
- Microsoft .NET 3.5 (C#, ASP.NET, ASP.NET MVC, Sharepoint)

**Data**

- SQL & PL-SQL (PostgreSQL, MySQL, Microsoft SQL Server)
- Search technologies: Lucene, Solr
- Semantic Web technologies (SPARQL, RDF, OWL) and Linked Data
- Web services design
- Knowledge of NoSQL databases
- Introduction to datawarehouse

**Systems & Networks**

- Windows Server, Mac OS X, GNU/Linux
- DevOps tools (provisioning, deployments): Puppet, Fabric
- Monitoring tools (Sentry, logstash / kibana, Graphite / statsd)
- Basic knowledge of administration of Microsoft Active Directory 2008, Exchange 2007 and Sharepoint 2010
- Basic knowledge of database administration (Oracle, Microsoft SQL Server)
- Modules about Cisco Certified Network Associate (CCNA)

**Development tools**

- Source code management: Git, Subversion
- Build tools: Maven
- Continuous integration: Jenkins, Travis-CI

**INTERESTS****Information technology:**

- "Science of data": semantic web, linked data, knowledge management, information retrieval, data visualisation, localised search, crisis / emergency mapping... . .
- Pervasive applications: web of things, "smart" cities, urban computing... . .

**Communication, marketing**: storytelling, serious gaming, alternative reality game**Sport**: jogging, badminton, swimming**Photography** (<http://flickr.com/photos/nitramf>)