

# Martin Richard

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I speak English (TOEIC score 970/990),  
French (native language) a bit of Italian and German

## ✓ Objective

I love to develop software pieces and libraries allowing to build complex web applications, then write or speak about them. My long term goal is to be part of a team working on innovative, highly technical and widely used projects.

## 🏆 Notable

**Chief technology officer** of Tumbup, the company behind Mixotv, a modern TV guide empowering your social graph to recommend you the best of your TV.

**Developer** of several personal projects, such as a documentation parser for PHP 5, a prototype of a non-blocking HTTP server under GNU/Linux in C++ and a lightweight ODM in Python for MongoDB.

**Writer** of tutorials, courses and articles about web programming on [isbullsh.it](http://isbullsh.it) and French magazines (PHP Solutions, Journal du Net) since 2007.

## ⚡ Highlighted skills

- ● ● Excellent knowledge of **server-side web development** technologies, such as MVC frameworks in PHP or Python, relational and noSQL databases, distributed and asynchronous messaging, plus a sensibility to scalability patterns,
- ● ● Really good knowledge of **Javascript**, HTML5 and CSS3, **cross-browsers code** and accessibility best practices,
- ● Good level in low-level programming on **GNU/Linux in C and C++** (STL and Qt), administration of GNU/Linux servers and shell scripting, experienced git user,
- ● Average knowledge of Objective-C/C++ with the frameworks **Cocoa and UIKit** for iOS,
- Experiences with Node.js, Latex, XSLT, Prolog, Android SDK, Windows APIs and concurrent programming.
- ● I am keen on learning new languages and paradigms, and interested in the **management of technical teams**, agile methods and efficient software engineering processes.
- ● ● Expert, ● ● Good skills, ● Padawan

## 🔧 Work Experience

**Chief technology officer at Tumbup** since april 2012

I manage and lead the development Mixotv, a web-based application. Current challenges are architecture and scalability of the product, enhancement of our data-mining components (recommendation engine, usage analytics).

**Research and Development engineer (internship) at CommonIT** during 4 months in 2011

I worked on a remote desktop application for iPad, which supports touch events, keyboard interaction and allows to watch a Flash animation without significant lag. It has been developed using an experimental port of Qt for iOS.

**PHP engineer (internship) at SQLI Lyon** during 3 months in 2010

Trained at Magento e-commerce, CMMI processes, I worked on the on-line store of a famous sportswear company.

**Developer (internship) at Le2i laboratory (public research)** during 2 months in 2009

I wrote a C program used to parse RDF semantic graphs in order to use them with graph processing tools.

**Freelance work** since 2007

Various short-term missions on e-commerce, specific extranet tools and servers administration for small businesses.

## 🎓 Education and Training

**Insa de Lyon** – IT department, French top-tier school (“Grande école d'ingénieurs”)

Graduated of **Master Of Engineering Degree** in 2012

DUT Informatique – IUT de Dijon - 2 years diploma

## 🍷 Other activities

Co-creator and author of the two collaborative blogs [isbullsh.it](http://isbullsh.it), a technical blog in English and [feston.fr](http://feston.fr) where we write about events and places we liked in Paris.

I am interested in web design, startups and entrepreneurship, open-source and politics.

I love cinema, listening to Rock and Electro Music, playing video-games and more !