DUBOURG Théo
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Web & Software Engineer

Career Objective

To use my web and software development skills as part of an innovative project that impacts the world.

Work Experience

2012 Summer
3 months

Software Development Engineer in Test Intern at <u>Microsoft Research Ireland</u>
- **Integrating** new features in existing monitoring tool (**C#, Silverlight, MVVM, MS SQL**)
- Working with an **existing code base** and **redesigning** it to face new needs
- Finding **best ways** to integrate new features in legacy tools. Heavy database migration.
- **Testing** automation in **C#**

Key accomplishments: Understanding of the overall testing and business process of large-scaled software. Integrating myself in an international and multicultural team. Being **adaptive**.

2011-2012
8 months

Development Lead at <u>Cod'INSA Programming Contest</u>
- Developed an open source **I.A. Real Time Strategy** (RTS) **Game** using **C/C++** and **Java**.
- Managed a team of **eight developers**.

2009-2012
2 years, present

President of <u>NetTogether</u> (www.nettogether.fr)
- Created and managed the team. Administrated a non-profit organization.
- Developed an administration interface and a member area with **Ruby on Rails**.
- Installed, configured, migrated and maintained a **Debian dedicated** web **server**.
- Installed, developed and maintained the <u>www.nettogether.fr</u> web site.

Key accomplishments: Management of a NPO. Member area (Ruby). Server administration.

2006-2011
5 years, present

Manager of <u>www.pcinfo-web.com</u>, <u>jmp2.fr</u>, <u>www.unihorse.fr</u>, <u>meslogiciels.me</u>
- Creation of several dynamic web sites without CMS with **PHP**, including advanced administration panels with **AJAX**.
- Developed an open source **MyBB Twitter plug-in** (**PHP**).
- Developed dozens of **administration and management scripts**.
- Developed a **conflict detector** in a question/answer **complex tree** using **Java**.
- Team management and administration of a community website.

Key accomplishments: Development (from A to Z) of the websites. Conflict detector.

2011 Summer
3 months

Web Developer and co-Project Manager at <u>SmallIzBeautiful</u>
SmallIzBeautiful is a small-companies-oriented recruitment agency in Paris.
- Set-up, designed and planned the project.
- **Developed and deployed new features** on the Intranet and the website (**PHP**).
- Refactored part of the existing code.
- Telecommuted individually and in a team.

Key accomplishments: Complete development of a "**smart mailing system**".

2011 Summer
freelance,
2 projects

Consultant / Adviser and Web Developer at <u>Etic INSA Technologies</u> (Extern)
Market study on Enterprise Resources Planning (ERP) software. Research for a solution for the management of a foundation. Then, CRM installation and set-up for a NPO in Paris.
- **Specifications** and client needs **analysis**, customer relations and customer **training**.
- Solution research and benchmarking, contact with editors and final report writing.
- Adapted, set-up, imported data on **CRM web-based** tool. Added new features (**PHP**).
- **User-oriented documentation writing.**

Key accomplishments: Technical benchmarking report. Work on heavy web-based CRM.

2010 Summer
1 month and ½

Web Developer at <u>Ice-Development</u> (www.ice-dev.com)
- Integrated a web development team in a **web agency** in Lyon.
- Worked on <u>extranet.fndsa.org</u> and **<u>www.canadienne-griffes.fr</u> (luxury brand)**.
- Used (x)HTML, CSS and **JavaScript**, **jQuery**, **PHP**, Svn, NetBeans and **Redmine**.

Key accomplishments: Advanced dynamic web interfaces using HTML, CSS and JavaScript.

Education

2011-2012	**National Institute of Applied Sciences (INSA) Of Lyon, France** **Engineering University. First year of Master of Sciences in Computer Sciences** *Programming (Java/C/C++), algorithm, mathematics, operating systems, artificial intelligence, databases, data modelling, communication, English and Italian languages.*
2009-2011	**National Institute of Applied Sciences (INSA) Of Lyon, France** **Engineering University. First & Second years of general sciences** *Physics, mathematics, computer sciences (SQL, Pascal, Delphi), mechanics, design engineering, chemistry, thermodynamics, audio-visual, English language.*

Exam Qualifications

2009	**French mathematics, physics and engineering sciences baccalaureate, with honours** First class honours degree. Equivalent to High School diploma.

Specific Skills

Internet, web projects:	**D**evelopment, configuration and search engine optimization of a web site. **I**nstallation, configuration and administration of several free content management systems. **I**nstallation, configuration, support and administration of a GNU/Linux web server. **S**trong knowledge of **Apache2, Nginx**, PHP, ISPConfig, Webmin, DTC, PHP-FPM, Postfix, FTP, Dovecot.
Programming:	**E**xpertise in **PHP**, SQL, (x)HTML, CSS (2.x). **A**dvanced **Java, C#,** C, **C++, JavaScript.** **A**verage Pascal, TSQL, PL/SQL. Basics **Ruby, Python,** Bash**, Qt** (4.7), Silverlight. **A**bilities with Geany, Eclipse, NetBeans, VisualStudio, **Git**, **Svn**, TFS, Vim.
General computer science:	**K**nowledge of **GNU/Linux** and **Windows** operating systems. **D**iagnostics and reparations on computers (software/hardware). **C**onfiguration of LAN/WLAN. **G**eneral office applications (Microsoft Office, LibreOffice, Works 4.5). **G**eneral organizational management (Redmine, Kmail, Thunderbird, Outlook).
Languages:	**E**nglish (fluent), French (native), Italian (beginner).

Hobbies and Interests

Sports:

Aïkido, basketball, cycling, fencing, climbing…

Miscellaneous:

Computer science, electronics, nano-technologies, Internet and hi-tech, politics, astronomy.

References available upon request.