

# Emeric Studer

Rue du Maupas, 21  
1004 Lausanne, Switzerland

Phone: +41 (0)78 857 32 11  
E-mail: emeric.studer@gmail.com  
Date of birth: 19.09.1986 – France  
Swiss work permit: B  
Nationality: French



**Experienced in project coordination, business analysis, software development, and system administration**

**Wide-range of expertise in information technology, innovation, and operation strategy**

**Highly motivated person with an entrepreneurial spirit and international experiences**

**Looking for a challenging position in IT**

## *Professional Experiences*

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From Jan. 2011 **All New Power**, Nyon – Switzerland

**Co-founder** (full time)

We propose a web platform open to American and European citizen, allowing them to rent a windmill and become co-producer of green electricity. Businesses can get Renewable Energy Certificates and propose clean power to their employees as part of the Corporate Social Responsibility program.

- *Business strategy*
- *Project management (head of the IT infrastructure)*
- *Web development, online advertisement, and search engine optimization*
- *Marketing & communication*

Results:

- Created a business plan for the startup
- Enabled the launch of the product for the end customers and businesses

April 2010 to  
Jan. 2011 **Cambridge Technology Partners**, Nyon – Switzerland

**IT consultant, Business analyst** (full time)

Helped leading companies to manage change with success and leverage their competitive advantages by delivering strategic applications.

- *Business analysis*
- *Project planning (functional & technical specification, business case scenarios)*
- *Guidelines definition*
- *Software architecture and development (C# .NET, Sharepoint 2010)*

Results:

- **Nestlé** - Functional analyst & Functional team leader. Creation of a touch screen device (based on the Microsoft Surface table) for the 10 years anniversary of Globe. Project presented to the top management and Nestlé employees.
- **Japan Tobacco International** - Presentation of the Microsoft Surface application to the top management
- **Tupperware** - Functional analysis, project planning, technical specifications, and testing of a new recruitment system based on Sharepoint 2010. The software is using intelligent workflows to create tasks and reminders for the users.
- **Novartis** - Proposed a Sharepoint solution for BiopharmOps to manage information. In charge of the project planning and solution deployment.

June to August  
2009 **Poken SA**, Lausanne – Switzerland

**IT Consultant** (full time, 3 months contract)

A Swiss startup that aims to simplify social networking.

- *Network improvement, virtualization, monitoring and administration*
- *Enhancement of software development & deployment solutions*

Results:

- *Design and deployment of a scalable virtualized network architecture*
- *Configuration of the Hudson tool to enhance the software compilation and deployment process.*

## Other Projects

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- Sept. 2009 to  
March 2010 **International Research Center MICA, Hanoi – Vietnam**  
**Intern** (full time, master thesis)
- Member of the Advanced Information Systems team, in charge of the new platform to provide personalized services depending on geolocation.
- *Project coordination (integrating the project with different people)*
  - *Business analysis (functional & technical specifications, test planning)*
  - *Research and development of new algorithms for a robust 3D geolocation*
  - *Database architecture, securitization & anonymization of data*
  - *Platform development and testing*
- Results:
- Creation of an algorithm that can localize people in 3D inside and outside buildings by combining data coming by many sensors like GPS, WIFI hotspots, GPRS cells, video cameras, sound sensors etc.
  - Implementation of two working services, a people tracking system on a map and an automated video camera tracking system
  - Master project awarded by the French National Center of Scientific Research - CNRS
- Sept. 2009 to  
March 2010 **Đại học Bách khoa - DHBK, Hanoi – Vietnam**  
**Project coordinator** (part time, volunteer opportunity)
- DHBK is the main University of Science and Technology in Vietnam. The opportunity was to coordinate the creation of the first Business Cluster in Vietnam called Imagine-IT.
- Imagine-IT is a growing network composed by Vietnamese and international companies, hi-level universities, and social-economical actors. The goal is to improve the innovation In Vietnam by creating new technologies for Asia.
- *Project coordination (SWOT & STEP analysis...)*
  - *International partnership*
  - *Communication and business contacts (Orange, Alcatel-Lucent, ST Microelectronics, Microsoft, Pentalog,...)*
- Results:
- Creation of the first version of the business cluster's guidelines
  - Invited international companies to join the core members
  - The business cluster was officialy launched the 19<sup>th</sup> of November 2009
  - Creation of the internet website in three languages (English, French, & Vietnamese) - [www.imagine-it-vn.com](http://www.imagine-it-vn.com)
- Jan. to July  
2009 **EPFL - Virtual Reality lab, Lausanne – Switzerland**  
**Intern** (part time 50%, semester project)
- Creation of an inexpensive GPS embedded system that people can plug in a jacket in order to record tracks, coordinates, speed etc. on a standard storage card.
- *Functional and technical specification*
  - *Hardware design and creation*
  - *Software development*
- Results:
- Creation of the hardware (using PIC microprocessors and I<sup>2</sup>C communication)
  - Development of the web platform using Google Maps to manage and visualize the tracks
- Jan. to July  
2008 **Bouygues, R&D department e-Lab, Paris – France**  
**Student Engineer** (full time, industrial project)
- As an engineer, 6 months confidential industrial project (in group of 3) to develop a new generation of streetlights which will include a high speed network architecture. The idea was to create a working prototype that gave new services like the real time consumption, the bulb status, video surveillance (CCTV), Wifi internet access...
- *Project coordination (project scope, time frame...)*
  - *Business analysis (functional and technical specification, business cases...)*
  - *Network architecture (scalability, efficiency, costs...) and hardware design*

### Results:

- Creation of a working prototype that proposes multiple services (real time power consumption, defect tracking, long distance gas and water retrieval, video surveillance (CCTV), WIFI internet hotspot ...)
- Test of the streetlights networks in real conditions in partnership with ETDE, a Bouygues' subsidiary

2008

**Ialou.com**, Valence – France

**Co-founder** with 2 associates of a free VoIP web platform

### Results:

- Writing of a business plan
- Creation of an internet platform that proposes free phone calls and videoconferences to over 40 countries

## *Volunteer Experience*

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March 2009	Internet Engineering Task Force (IETF) meetings in San Francisco (USA)
2007-2009	Microsoft Student Partner
2006-2008	<b>Grenoble-INP Junior Enterprise</b> <i>Member of the board (Social Secretary)</i> <i>Project manager</i>
2006-2008	ACADOMIA - Personal Mathematics teacher – <a href="http://www.acadomia.com">www.acadomia.com</a>
2000-2010	Website development, online advertisement, and search engine optimization

## *Educational Background*

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May 2010	<b>Master of Science in Computer Science</b> - EPFL, Lausanne, Switzerland Swiss Federal Institute of Technology - grade: 5.44/6 <i>Orientation: Innovation &amp; Corporate Strategy</i>
March 2010	<b>Master of Science in Networking &amp; Computer Engineering</b> - Grenoble INP, France Grenoble Institute of Technology - Top 5% of students <i>Orientation: Management &amp; Business</i>
June 2007	<b>Bachelor in Engineering sciences</b> - Grenoble INP, France Grenoble Institute of Technology - Top 5% of students

## *Language*

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French	Mother tongue
English	Written, spoken and read fluently (often practiced, <i>TOEIC score: 900 (2007)</i> )
German	Intermediate (B1, study for 7 years)
Chinese	Beginner (A1, study for 1 year)
Vietnamese	Beginner (6 months in a Vietnamese family)

## *Skills*

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- **Business Skills**

*Web project management, project planning and coordination, business analysis, operation strategy, multicultural team management, functional and technical specification, business cases*

- **Network design & management**

*Unix, Linux, Windows, Cisco systems, Cloud computing, Virtualization (Xen, VMware, ProxMox, Virtual Box), IP, TCP, UDP, Ethernet, RIP, BGP, OSPF, SNMP, VoIP, SIP...*

- **Software conception & development**

*UML, Visual Studio, Eclipse, JAVA, C#, .NET, WPF, C, SQL, Sharepoint, Symfony, Oracle, JEE, PHP, XHTML, XML, RDF, XAML, Apache, Tomcat, Glassfish...*

## *Interests and hobbies*

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Travels, Sports (Diving, Volleyball, Tennis, Skiing, motor biking), Music (piano), Photography