

Stéphane Lecorney – Senior Software Engineer

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Lausanne

Switzerland

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tél: #####

29 years old

Single

French (swiss B permit)

Profile

Master Engineer in Signal Processing from Télécom Bretagne.

2 years experience in mobile development (iPhone/iPad).

4 years experience in C/C++ professional software development.

Professional experience

November 2010 - **Mobile Software Engineer at Ozwe** (<http://www.bookapp.com>)
Present

iOS Senior Developer for iPhone/iPad applications.

Development of applications for digital editions (bookapps, Femina Magazine), brands (Nestlé for iPad, Les Ambassadeurs, IMD Business School, Unosat, Orange Lecteurs), sales support (Omega), etc.

iOS development, database and webservice integration.

December 2009 - **Mobile application Development**

2011

Freelance developer on iPhone and Android (Eclipse, Java).

More info on www.slecorne.ch

November 2009 – **Train Driver at swiss railway (SBB/CFF)**

October 2010

Train driver for regional train

August 2009 – **Software engineer at Sensometrix SA**

November 2009

Participated in the development of a biometric solution for convenience and security (Biometric, C, linux, QT Interface).

- Implementation of a split template comparison with Palm Vein/RFID card
- Improvement of the biometric box user interface

January 2006 -

April 2009

(3 years)

Video Software engineer at GE Security

Participated in the development of a cross-platform video operating system for video streaming, storage, analysis used for security applications. Worked inside the software team (5-6 people) in cooperation with firmware team.

- Health monitoring plugin based on external SDK to monitor storage device and RAID activity for SAS storage solution
- Specification and development of RTP/RTSP streaming integration inside the existing solution. Responsible of RFCs compliance.
- Integration of configuration and video streaming from external IP Camera inside the Visiowave solution
- C++ video codec tools for various codecs : Mpeg4 ASP, H264, Mpeg4 SVC, Mjpeg, wavelett.
- Participate in creating the Mpeg4 SVC encoder

March 2005 - Dec 2005 (1 year) **Junior Software engineer at VisioWave / GE Security**
Development on Video Analytics Plugin in collaboration with the research team (XML configuration, motion detector algorithm).

Personal Projects

March - September 2009
Development of **iPhone** Applications distributed on the App Store. Original developer of "Mobility Finder" application, further developed and distributed by Mobility AG as "mobility car". Developer of "Name That Song" - 1 million downloads See <http://blog.slecorne.ch/pages/Applications-IPhone>
Development of **Android** Applications. 1 application available See <http://blog.slecorne.ch/pages/Applications-Android>

Academic Projects

June 2004 - November 2004 (6 months)
Stage at the **San Raffaele Institute** (Milan-Italy) - optimisation of eddy-current correction algorithm for **MRI** pre-natal studies (**C++**- Spline interpolation-geometrical transform)
February 2003- June 2003 (5 months)
EPS (European Project Semester) at the engineering school of Copenhagen - creation of a webshop prototype using **PHP/MySQL** for provencebutikken

Technical skills

Languages Objective-C, Cocoa Touch, iPhone SDK
C / C++, PHP, mySQL, SQLite, XML, ePub
Video standards Mpeg4 ASP, H.264, Mpeg4 AVC/SVC, Jpeg
Network Protocol RTP/RTSP
Software XCode, svn, Jira (Bug tracking)
Visual Studio, Eclipse, Perforce (source control), TeamTrack

Languages

French (mother tongue), English (fluent - University of Cambridge Certificate of Advanced English Grade C (December 2002)), German and Italian (basic)

Education

2001-2004 **Master of science from ENST Bretagne**
(*French Graduate Engineering School specializing in telecommunications*)
2003-2004 1 year Erasmus student at the **Technological University of Tampere** (Finland) in MSc program in signal processing
2003 6 months exchange student at the **engineering school of Copenhagen** (Denmark)
1999-2001 Preparatory class for the highly-competitive "Grandes Ecoles" entrance examination. Lycée Louis Le Grand, Paris