

Guillaume SIORAK

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Profile: I am currently studying a Master's degree in Computer Sciences at the University of Reims (France). During my projects work at University I developed a lot of skills in organisation and team work. I want to build on my work experiences with my strong knowledge of the C++ programming language and graphics libraries like DirectX and OpenGL.

Technical Skills

Object-oriented programming :

C/C++, Java, Visual Basic.

↳ Projects : Development of a Sudoku application, 4D Image Visualization tools and DataGlove applications

Graphics libraries :

OpenGL, DirectX, Qt (widget toolkit).

Modeling tools :

Merise, UML.

Web programming :

PHP, HTML, CSS, JavaScript.

Office software :

Microsoft Word, Excel, Power Point, Adobe Photoshop.

Operating systems :

Windows XP, Linux, Mac OS X.

Languages :

French : Mother tongue – **English** : Very good level. TOEIC training in progress. – **Spanish** : School level.

Education

2010 : Master of Computer Sciences (2nd year), training in progress.

University of Reims (**France**).

2009 : Master of Computer Sciences (1st year) obtained with honours.

University of Reims (**France**).

2008 : Bachelor of Computer Sciences. Majoring in Digital Imaging.

University of Reims and Institut Universitaire de Technologie (**France**).

2005 : A-Levels specialized in Physics, Aix-en-Provence (**France**).

Work Experience

April – June 2009 :

Internship at **TVPaint Development** (www.tvpaint.com) (**Metz, France**).

Development of tools for the update of the animated cartoon software : **TVPaint Animation**.

- Integration of the webcam features for the Linux platform of the software (video grabbing, organization of numerous webcams, tools for stop-motion).
- Search of documentation and utilities for the integration of these tools.
- Integration of the loading and saving of audio and video data with the FFmpeg library.

September 2008 – Current : Part-time job as a dealer (casino games).

Company L'Arnaque (www.larnaque.fr) (**Reims, France**).

April – June 2007 :

Internship at the **CRestIC** lab (**SIC/MADS** group) at the University of Reims.

Development of applications (C++, Qt, OpenGL) for a Data Glove.

December 2003 :

World Cyber Games (**WCG**) – (**Paris, France**).

Maintenance of a computer network for a video game competition.

Interests

Movies and TV shows, travelling (Las Vegas, New York, Miami), music (play the guitar), reading (Sci-fi), computers