

Xavier Lepaul – Engineer

Age: 24 year old – Nationality: French

Mobile on Grenoble area – Available on the 2 July 2007

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Professional experience

SINCE MARCH 2005: AMADEUS GLOBAL TRAVEL DISTRIBUTION S.A. - SOPHIA-ANTIPOLIS

Contribution in the initial specification and development of a hotel central reservation platform.

- writing of the functional and technical specifications;
- initial set-up of the web UI of the product (Java/JBoss). In charge of the HTML/CSS design, the Java middleware and some Javascript/Ajax functionalities;
- fonctionnal developments of some parts of the application: UI and C++ back-end.

MARCH-JUNE 2004: I3D TEAM - INRIA RHÔNE-ALPES - GRENOBLE

Conception and development in C++ of tactile interaction metaphors for scientific data exploration in virtual environment.

Use of different virtual reality peripherals, including a workbench allowing for 3-dimensional visualisation, a localisation/force feedback system and a glove with hand position sensors and tactile feedback capabilities.

SUMMER 2003: CCSTI - GRENOBLE

Development in Java of didactic applications around sonic waves and sound, in the scope of an exhibition dedicated to children.

Education

2005-2006

Oracle University trainings on «SQL and Database Processes» and «Oracle & SQL Optimization». C++ trainings on «Advanced C++» and «Design patterns».

2001-2004

Engineering degree from the ENSIMAG (Grenoble, France), with a major in Image.

2003-2004

Master IVR (Image, Vision, Robotics).

1999-2001

Prep schools to the French Engineering High schools at the Lycée Champollion in Grenoble.

Skills

OPERATING SYSTEMS

UNIX systems (Debian and Ubuntu administration), Mac OS X, Windows.

PROGRAMMING LANGUAGES

Java, C, C++, OpenGL, Shell-Script, Python, Ada95, Caml.

DATABASE

Oracle (knowledge in query optimisation), MySQL, SQLite.

WEB TECHNOLOGIES

Webwork, JBoss, PHP, (X)HTML, CSS, JavaScript (particularly the Prototype library).

INTEGRATED DEVELOPMENT ENVIRONMENT

Eclipse, Emacs, Visual Studio .NET.

MISCELLANEOUS SOFTWARES & TOOLS

UML, Rational Rose, CVS, Apache, Latex, Tora, SQL Developer, Matlab.

LANGUAGES

French: mother tongue.

English: Good skills, in common use at work.

German: basic notions.

Interests

MUSIC

Musical practice for 14 ans. Cello, then saxophone and hand drums.

Member of an improvised music band during 5 years.

SPORTS

Ski, hiking, climbing.

LEISURES

Jazz music, photography, computer science, argentine tango.