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## TECHNICAL SKILLS

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Operating Systems	Windows, GNU/Linux (Debian, Gentoo, Red Hat, Linux Mint), Mac OS X
Methodologies	UML, Extreme Programming (XP), SCRUM, CMMI
Java	Eclipse, OSGi, Eclipse RCP, IDL, JNI, JNA, JProfiler, JUnit, JAXB, ANT
Java UI	AWT/Swing, SWT/JFace, JavaFX, Ilog JViews Chart
Java Modeling	EMF, EEF, EGF, Acceleo, ATL, XText
C/C++/C#	Microsoft Visual Studio, Cuda, NUnit, NCover
C/C++/C# UI	Ilog Views, OpenInventor, Qt, DirectX
Tools/Source Control Manager	Jira, MantisBT, Hudson/Jenkins, Sonar, Git, SVN, CVS, TFS
iPhone/Android	Objective-C, iPhone SDK, X-Code, Android SDK, ADT

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## WORK EXPERIENCE

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**November 2014 to ... Software Engineer** **Schlumberger WesternGeco - Gatwick - U.K.**

Environment: Windows, UML, Microsoft Visual Studio, TFS, HTML5, PHP, JavaScript, C++, DirectX, Cuda

**April 2013 to September 2014 Software Engineer Trainee - Visa J-1 Schlumberger WesternGeco - Houston, TX - U.S.A.**

In the context of a cultural exchange between France and the U.S.A., I joined an existing team developing a plugin for Petrel.

Specification, Design, Implementation & Recurent Demos to the users of new survey design and modeling features.

Enhance maintainability of code by doing strong refactoring (defining patterns, removing duplicate)

Environment: Windows, UML, Microsoft Visual Studio, TFS, C#, C++/CLI, C++, Ocean API, OpenInventor, NUnit, NCover, SCRUM

**August 2006 to March 2013 Software Architecture & Design Engineer Consultant** **Apside - Brest - France**

- **October 2011 to March 2013 Electronic Warfare Tools** **THALES Airborne Systems - Brest - France**

In the context of a collaborative research project including THALES and 2 Research Labs from Brest (ENSTA and Telecom Bretagne), whose goal is to generate drivers code from data and behaviour model of interfaces.

Architecture, Design & Implementation of a Modelling Tool based on Eclipse Modeling Framework to design data interfaces, generate Documentation, Ada - C - VHDL code and configuration file for data analysis tools (Network, VME Bus).

Environment: Windows, Red Hat, Ada, C, VHDL, HTML, Eclipse RCP, EMF, EEF, EGF, Acceleo, ATL, XText, Hudson

- **March 2010 to April 2010 Customer service iPhone application framework** **Orange Labs - Lannion - France**

Architecture, Design & Implementation of a massively customizable application framework for customer services (interactive avatar, geolocalisation, voice recognition, vocalisation and text based chat)

Environment: Mac OS X, X-Code, Objective-C, C, iPhone SDK, SCRUM

- **August 2008 to July 2011 Electronic Warfare Mission Debriefing Tool** **THALES Airborne Systems - Brest - France**

In the context of a partnership between Apside and THALES, I was in charge for managing a team of 5 to 8 engineers.

Architecture, Design & Implementation of a new Mission Debriefing Tool Framework based on Eclipse RCP Framework to replace existing C++ Mission Debriefing Tool Framework.

Environment: Windows, Red Hat, UML, Eclipse RCP, Ilog JViews Chart, JProfiler, JNI, Ant, SVN, Mantis

- **January 2008 to August 2008 Satellite mission planning software** **THALES Airborne Systems - Brest - France**

Architecture, Design & Implementation of an Eclipse RCP based application from an existing C application.

Environment: Windows, Red Hat, UML, Eclipse RCP, Java, JNI, C, CVS

- **August 2006 to August 2008 Electronic Warfare Mission Debriefing Tools** **THALES Airborne Systems - Brest - France**

Design & Implementation of maintenance and major improvements for multiple electronic warfare mission debriefing tools based on a common framework.

Environment: Windows, Microsoft Visual Studio C++, C/C++, Ilog Views, JNI, CVS

**February 2006 to June 2006 Research internship** **UBO - Brest - France**

Optimization of a Multi-Agent Physical Engine for Biological Phenomenons simulation using GPU shader & PPU (SimBioDyn).

Environment: Windows, UML, Microsoft Visual Studio C++, OpenGL 2.0, L<sup>A</sup>T<sub>E</sub>X

**August 2004 to January 2005 Industrial internship** **Spacebel - Liège - Belgium**

Investigation of the opportunity to implement satellite hardware simulation software using System-C library.

Environment: Windows, Debian, UML, C/C++, System-C

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## EDUCATION

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2006 Master of sciences of National Engineering School of Brest ENIB - Brest - France

2006 Research Master of sciences, technologies, health (Major in computer science and telecommunications) ENIB - Brest - France