

# Pierre Rebours SOFTWARE ENGINEER

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Stirling, Scotland

## PROFESSIONAL EXPERIENCES (6+ YEARS)

### ASP.NET Lead Developer, IValua

February 2008 to July 2008, Orsay, France

Lead developer in projects integrating the ASP.NET-based purchasing solution of the editor IValua. Our team implemented business specifications for competitive and cost-driven companies such as auto parts manufacturers. In addition, I mentored junior developers, brought my expertise to the R&D division, and quoted and planned projects for the sales department.

### Web Consultant, Visions In Action

January 2007 to December 2007, Arusha, Tanzania

Web consultant volunteering for non-governmental organizations. I designed internationalized content-management solutions with Drupal. Such realizations included one of the biggest portals about natural resources in Africa as well as a collaborative site for all the NGOs in the Arusha region. I also organized and animated accessibility studies and seminars.

### .NET Architect, Software FX

September 2004 to December 2006, Boca Raton, Florida, USA

Primary architect and developer of the .NET components Chart FX Gauges for the market leader in graph solutions. I integrated the product on different platforms and design-time environments. The product improved thanks to the creative collaboration I had with the product manager, designers, and testers. I also streamlined the productivity of the support department by developing a collaborative tool to be used between customers and the support team.

### Research Assistant, Empirical Software Engineering Lab.

August 2002 to August 2004, Boca Raton, Florida, USA

Empirical studies on software quality, noise reduction and data mining. I created an experiment-oriented framework using TCL, C++, and Cygwin to significantly decrease the time necessary to optimize machine learners. I published five papers including one book chapter.

### Linux Developer, ProCaptura

December 2001 to June 2002, Billingstad, Norway

I implemented a symbol recognition algorithm for the company data conversion tool using C++, GTK+, and XML. I also assisted product managers in overseas contracts.

### Pocket PC Developer, ePocket Solutions

June 2001 to December 2001, Oslo, Norway

I developed an application with ATL controlling bar-code readers for Pocket PCs as well as a COM component providing UI internationalization.

## FORMATION

### Master Of Science (M.S.), Florida Atlantic University

May 2004, Boca Raton, Florida, USA

Major in Computer Science. GPA 4.0. Master's thesis on new filtering techniques for large and distributed datasets.

### Engineer Diploma (B.S.), École Nationale des Mines d'Alès

June 2003, Alès, France

Major in Computer Science and Entrepreneurship. Treasurer of the Junior-Enterprise.

## Expertise

Business Intelligence  
Data Visualisation  
Content Management  
Cross-Cultural Experience  
Object-Oriented Design  
Design-Patterns  
Software Components  
TDD, Scrum  
Web/Desktop UI  
Design-Time Integration

## Microsoft

.NET, C#  
ASP.NET  
Visual Studio Integration  
Spring.NET  
NUnit  
SQL Server, SSIS, SSRS  
TSQL  
Windows Forms, GDI+  
ActiveX, COM, ATL, MFC  
Windows CE

## Open-Source & Others

PHP, Apache, MySQL  
JavaScript, Prototype  
AJAX  
XHTML, CSS  
Drupal, WordPress  
C, C++, STL  
TCL, Python, Korn Shell  
LaTeX  
Subversion, CVS  
Linux, Cygwin  
Eclipse, Emacs

## Research Interests

Data Mining  
Noise Filtering  
Business Objects  
Data Access  
Physics Simulation

## Languages

English, Fluent  
French, Fluent  
Swahili, Intermediary