

## **Personal Data**

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NAME, Firstname : PISTERS; Daniel

Birth year: 17/07/1958

Nationality: Belgian

## **Education & Main Training**

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Professional Bachelor in IT  
EPHEC  
1986

### TRAINING

Technifuture Seraing, Gestion de projet, 10/2007

Technocité Hornu, Modélisation UML, 05/2007

Technocité Hornu, initiation à la programmation Java, 02/2006

Technofutur 3 Gosselies, Visual Basic.Net, aspects avancés,  
02/2004

Louis Pasteur university – Strasbourg, Choice of statistical tests.  
Use of the statistics in pharmaceutical search, 7 days in 1993

Oracle, database administrator Oracle v6, 4 days in 1992

Oracle, SQL for experts : synthesis or theory and practice,  
06/1995

Introduction to fuzzy sets and fuzzy logic with applications in the  
chemical Biosciences, Faculté Notre-Dame de la Paix, Namur,  
05/1996

Different courses given in UCB to follow the evolutions of Oracle  
products such as FORMS (4.5) or Microsoft (Access 97), Internet  
technologies such as XML and java(script).

## **Skills**

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**Databases** : Oracle – SQL/Server - Informix

**Programming languages** : .NET (C#) – VB.NET – VB6 – Visual C++ - COM/DCOM –  
C/C++ - SAS/Base – SAS/macro

**Methodology** : UML – OO analysis

**Modeling/ Case tools** : Rational RequisitePro – Rational software architect – PowerDesign

## Languages

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French	Mothertongue
English	Fluent
Dutch	Good practical knowledge

## Professional background

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**From 19/11/2007 – 28/10/2008 : European Dynamics**

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**Client : CE – DG DIGIT**

**Position : Functional / Business and System Analyst**

**Project : the Participant Portal**

The Participant Portal aims to be a single entry point for all Participants (companies, universities) involved in research projects with the CEE.

**Tasks performed on the project :**

Document typology: Define a document typology relevant to all documents exchanged between the Participants and the Research DGs. Content management concepts come mainly from MS Sharepoint already used in similar projects.

Comparative Study Hermes/Sharepoint

Hermes is a DIGIT home made background document management. He had to make a comparative study between this first one and Sharepoint for background services of the Portal.

Functional analysis of the Participant Portal: Use cases specifications with RUP templates and UML diagrams.

Semantic interoperability: Define business entities and services that are common to the different RDG's.

Portal Business Services Design: Design conceptual and physical data models corresponding to the business services in accordance with a SOA approach. This WSDL is used as services contract to be implemented by the **Java** developers.

**Environment:** Word – J2EE – Rational RequisitePro – Rational Software Architect – XMLSpy – UML – RUP methodology

**From 03/01/2007 – 10/09/2007 : SWORD**

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**Client : CE - DG RTD – 02/07/2007 – 10/09/2007**

**Position : Functional Analyst**

**Project : CPS (Call Passport) Release 2**

**Tasks performed on the project:** Functional analysis for the Forward Call Planning, to deal with resources allocation

**Environment:** WORD, Power Design, J2EE, Oracle 9, UML and RUP methodology

**Client : CE - DG RTD – 01/2007 – 29/06/2007**

**Position : Functional Analyst**

**Project : LEXIC**

To define Concepts relevant to the DG-RTD business domains, aiming that one Concept be represented by only one Data Type in databases and applications.

**Tasks performed on the project:** Functional and technical analysis of the LEXIC System (Conceptual Data Model and Physical Data Model based on Oracle)

Development:

To automate Concepts extraction from Oracle databases. Proof of concept in PL/SQL using the Oracle Data Dictionary.

**Environment:** WORD – PowerDesign – J2EE – Oracle 9 – RUP – UML

**Client : CE - DG RTD – 11/2006 – 29/12/2007**

**Position : Functional Analyst**

**Project : call passport system**

Evaluate and allocate the resources for the different research projects in which the DG-RTD is involved. These resources are budget as well as human resources in term of expert committee designated for the specific research areas.

**Tasks performed on the project:**

Functional analysis of the Call Passport System

**Environment:** WORD, Visio, Power Design, J2EE, Oracle 9, UML and RUP methodology

**From 06/2006 – 13/10/2006 : AXIALOG**

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**Client : PROXIMUS – 09/2006 – 10/2006**

**Position : Analyst - Developer**

**Project : RAPIDD**

Develop class and user controls for the IT project management application

**Environment:** VB6 – Oracle 9 – PL/SQL

**Client : COCOF – 07/2006**

**Position : Senior Analyst - Developer**

**Project : Hygie**

Solve major problems in a VBA application used to manage file with personal data on handicapped

**Environment :** VBA – Access – Java - PostgreSQL

**Client : Lilly-Pharmaceutic Sector R&D**

**Position : Senior Analyst – Developer / Statistical system specialist**

**Project : Drug Hunting Team Preclinical Meta Test**

**Tasks performed on the project:**

Create a prototype allowing all users (statistician, biologist) to define the pre-clinical test they are involved in, specifying protocol and statistical methods in a common framework.

Analysis: made with the senior scientist (statistician) responsible for this project.

Development: Multitier application in C# allowing users to work in disconnected mode and in connected mode exchanging data with the server (through a web service) in xml format. Oracle (OraClient provider in ADO.NET) or SQL Server as well as any other database through OLE DB. Interface developed in Winforms.

**Environment :** Oracle 9 – SQL Server .NET (C#) – ASP.NET

**From 14/06/2004 to 30/03/2006: EDITAL – Intellectual Property Network**

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**Position : Senior Analyst – Developer / Product Manager for WorldSuite**

**Project : Worldsuite 2.0. and Crystal Report Integration**

**Clients: Gevers and IP departments of various companies of the size of Coca-Cola, GlaxoSmithKline...**

Generation of Meta Reports from WorldSuite.

Analysis: business rules and legal aspects of IP (Trademark, Patent) through WorldSuite.

Development: VB6, RDC object hierarchy.

**Environment:** SQL/Server – VB6 – Crystal Report

**Project : E-FILING**

**Client : GEVERS**

E-Filing allows completing electronic application forms in the scope of CTM (European Community Trade Mark). XML files are generated from C# classes, encrypted and sent to the OHIM web service.

**Tasks performed on the project:**

Analysis: from XSD schema, UML diagrams and documents provided by OHIM.

Development: C#, JAVA, ASP.NET, ADO.NET, XML, VB6 (backward and forward compatibility) WORD Automation.

**Environment:** UML Class diagram – C# - .NET – webservice – java - .NET cryptographic providers – SQL Server

**Project : EURID**

**Client : GEVERS**

**Tasks performed on the project:**

Development of an application allowing holders of “prior rights” to register their name during the “Sunrise Period” (to become an .eu registrar).

**Environment:** Windows XP – Visual Studio 6 (VB6 – VC++ - IDL – COM – DCOM – Access – SQL/Server 2000/2005

**From 09/2002 – 03/2003 : S3I CONSULTING**

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**Position : Analyst - Developer**

**Project : weasys**

**Tasks performed on the project:** Development of C# procedures to store and extract picture movies (DivX, JPEG) in and from SQL Server BLOB fields. Interface prototype to manage with and display movies in ASP.NET

**Environment:** SQL Server – C# - VB.NET – webservice

**Project : packaging services (client name)**

**Tasks performed on the project :** Analysis with UML Modeling with Enterprise Visual Modeler. Classes and interfaces generation. Development with VB6

**Project : Nestlé Waters (client name)**

Tracability of palets through all the production’s line.

**Tasks performed on the project:** Development of C# reusable components. Design of an interface architecture based on Windows forms. Use of Threads, Events and Delegates, of Regular Expressions (to analyse bar code contain) SQL Server. Triggers and Stored procedures

**Environment:** SQL Server – C#

**Project: Bio Whittaker (client name)**

Tracability of biopsies by mean of a handscanner.

**Tasks performed on the project :** Workflow definition with the users (BioWhittaker pharmacologists) and development in MCL (Macro Control Language) specific for scanner programming.

**From 09/1999 – 31/05/2002 : Lapperre – Hearing Systems**

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**Position: Software Project Leader**

**Project : Helix, the new Audiology software of Lapperre**

**Tasks performed on the project :**

Analysis: From a RUP perspective, the new audiology software Helix was realized in 3 main iterations: Global interface architecture in VB6; Graphic modules to display and record the various types of audiometries Programming of mathematic methods for device's adaptations. Multilingual Editor/generator of ORL (NKO) letters with audiometries.

Development: based on a Client/Server architecture. ACCESS database on PC Server. DAO, is replaced by ADO. ACCESS by SQL Server as centralized database in the Grand-Bigard's administrative centre.

**From 11/1990 – 31/08/1999 : UCB – R&D – secteur pharma – data management**

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**Position: Analyst – Developer / Lims applications responsible / Preclinical Data Manager**

**Project : Lims (Laboratory Information Management System).** Federate in Oracle all data of the various pre-clinical tests applied in UCB Pharma. Manage the tests data trough common interfaces. Generate statistical reports based on those data.

**Tasks performed on the project :**

Analysis: Oracle's Case Method approach. Mr Pisters uses the corresponding tools (CASE Designer, CASE Dictionary, CASE GENERATOR...) Statistical reports are generated with SAS. Mr Pisters takes in charge the functional analysis of most of the pre-clinical test of UCB, working closely with researchers and the Scientific Direction.

Development: 1990 – 1991: generic interface's prototype for all LIMS with UNIFACE.

1992-1999: ORACLE CASE TOOLS, CASE DESIGNER, CASE DICTIONARY, CASE GENERATOR, SLQ\*FORMS, SAS BASE, SAS MACRO. Conception of 2 reports generators, with SAS and with ProC & C. DCL scripts run on VAX/VMS.

1995-1998: the new LIMS Applications are designed for windows: FORMS 4.5, DESIGNER & DEVELOPPER 2000. From Oracle V7, use of databases triggers and stored procedures

**From 10/1989 till 20/09/1990 INFORMABEL ( Industrial Data Processing )**

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**Position: Analyst – Developer**

**Projects: GENERAL BISCUIT – Beveren – of Manufacturing Handling (automated warehouse) / UNISYS / STESUD (project names in this list are also the clients names)**

**Tasks performed on the projects:**

Analysis: First analysis for STESUD optimization of an Informix RDBMS of the DCC company publishing a computer address book.

Development: C & Informix/4GL on AIX or HP Unix in the context of Industrial Engineering