

## CV FRONT PAGE

<b>Name :</b>	PISTERS Daniel		
<b>e-mail address:</b>	<b>Please use form in Contact</b>		
<b>Date of birth:</b>	17/07/1958		
<b>Current function :</b>	<i>Senior functional Analyst</i>		
<b>Highest relevant educational qualification:</b>	<i>Check the appropriate :</i> <input type="checkbox"/> University degree (minimum 4 years) <input checked="" type="checkbox"/> Non university degree	Certificate and/or diploma obtained : Graduate EPHEC	Institute: EPHEC Date: 1986
<b>Languages:</b> (indicate level of skill: from 1=basic to 5=excellent)	English: French: German: Dutch: Italian: Spanish: Other(s):	Spoken 4 5 --- 3 --- --- ---	Written 5 5 --- 2 --- --- ---
<b>Date IT career started:</b>	1989		

## CV Summary

Computer scientist with more than 20 years of professional experience, of which 9 years as analyst and developer of LIMS (Laboratory Information Management System), I used the CASE Tools of Oracle, the C as well as the ProC, and the SAS System to generate statistical reports. I conceived two reports generators (one in ProC and C, and another, in SAS)

As I was also involved in a project of clusters of molecules, I used and designed various combinatorial optimisation methods, based on genetics algorithms and Fuzzy Logic. Though I am no longer working in that field, I am still studying Artificial Intelligence, algorithms optimisations and (fuzzy) experts systems.

I was always interested in object oriented methodologies and followed their evolution (readings, seminars) even well before I got the occasion to apply them. I paid a special attention to Design Patterns, to Error Coding (systematic methods to manage with errors) and to Layering (layered architecture) I applied as much as possible RUP and used UML.

Getting somewhat loose from the world of Oracle and SAS, I committed myself in a Microsoft development perspective, and my most significant work in this field is until now the audiology software Helix, written in VB6 and using VC++ components (with IDL, COM and DCOM) and SQL Server. Working several years with .NET, programming with C# and VB.NET, I have an experience of .NET Software Architect.

I am setting now the focus on functional and business analysis. I followed courses to consolidate my experience in Project Management.

## CV training page

CV training page number for this CV:	<b>1</b>
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TRAINING				
	Training name:	Company/institute organising the training:	Date(s) training followed:	Exams or certificates:
1.	GESTION DE PROJETS	TECHNIFUTURE – SERAING	4,5,11,18/10/2007	
2.	Modélisation UML 2.0	TECHNOCITE – HORNU	02,03 et 04/05/2007	
3.	Initiation à la programmation Java	TECHNOCITE – HORNU	29,30,31/08 et 01/02/2006	
4.	Visual Basic.Net: aspects avancés	TECHNOFUTUR 3, Gosselies	February 9-11, 16-17 2004	
5.	Database Administrator Oracle (V6), 3 days.	ORACLE	4 days 1992	
6.	Choice of statistical tests. Use of the statistics in pharmaceutical search.	Louis Pasteur university - Strasbourg	on June 1-2-3-4, 1993 and October 6-7-8, 1993	
7.	SQL For Experts: synthesis of theory and practice	Oracle	on June 21, 1995	
8.	Introduction to Fuzzy Sets and Fuzzy Logic with Applications in the Chemical Biosciences.	Facultés Universitaires Notre-Dame de la Paix  Namur	from 13 to 15 May 1996	
9.	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).			

## CV software expertise page

CV software expertise page number for this CV:	<b>1</b>
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<b>Software expertise</b>				
	<b>Tool (precise manufacturer, product name and version(s))</b>	<b>Competence (rating : 1 - 5)</b>	<b>Duration (in months)</b>	<b>Description (reference to relevant entries under “professional experience” is mandatory)</b>
	Oracle	5	111	2,3,4,6,15 3,4,5,7,16
	SQL-Server	4	44	7,8,9,10,11,12,14,15
	.NET (C#)	5	12	7,9,11,14
	.NET(VB.NET)	3	7	11
	VB6/VC++/ COM/DCOM	5	56	15,10,8,5,6
	Crystal Report	5	22	8
	C/C++	5	120	16,17,18
	INFORMIX	4	11	18
	SAS (SAS BASE & SAS MACRO)	4	96	16
	UML – OO analysis	5	96	1-15
	OO analysis before UML	4	48	16,17

	Rational RequisitePro	<b>4</b>	<b>11</b>	<b>1</b>
	Rational Software Architect	<b>4</b>	<b>11</b>	<b>1</b>
	PowerDesign	<b>4</b>	<b>11</b>	<b>2,3,4</b>
	MS Sharepoint	<b>1</b>	<b>4</b>	<b>1</b>
	Altova XMLSpy	<b>5</b>	<b>15</b>	<b>1,9</b>

## CV professional experience page

CV experience page number for this CV:	<b>1</b>
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PROJECT EXPERIENCE	
<b>Project name:</b>	Participant Portal
<b>Company (employer):</b>	EBTEE/European Dynamics
<b>Dates (start-end):</b>	From 19/11/2007 to 28/10/2008
<b>Client (customer) :</b>	DG-DIGIT

## **Project description :**

### Goal and Context:

In the context of seventh multi-annual Framework Programme (FP7), the Participant Portal aims to be a single entry point for all Participants (companies, universities) involved in research projects with the CEE. The Participants Portal allows the Participant to registers themselves, exchanges project information and various documents types with the CEE.

As this project involves four Research DGs of the CEE, having several IT systems, a Service Oriented Architecture approach has been chosen.

### Analysis:

I was mainly in charge of four analysis tasks:

#### Document typology

Define a document typology relevant to all documents liable to be exchanged between the Participants and the Research DGs through the Participant Portal.

#### Functional analysis of the Participant Portal.

The first use cases specifications were created in Rational RequisitePro as a special type of requirement, and then detailed in word documents based on RUP templates for use cases specifications.

Use cases were also imported in Rational Software Architect in order to be represented in UML Use cases diagrams, incorporated in the final document.

#### Semantic interoperability

Semantic interoperability relates to the business entities and business services that are common to the different RDG's. By giving them a common business and technical definition, it allows also managing them as much as possible in the same way according to a SOA approach. My role was to initiate a business dictionary (something like Lexic) as a common repository for semantic interoperability. Business terms were defined as a new type of requirement in RequisitePro to support this approach.

#### Portal Business Services Design

There are two main sets of entities representing data exchanged between the RGD's and the Participant Portal: Project information and Organisation information. Organisations related entities described the companies, institutions representing the Participant Portal user and the Project related entities described the projects in which those Participants are involved (within a Consortium). My role was to design with RSA the conceptual and physical data models for these two main business entities sets upstream from the XML schema (XSD) referred downstream by the WSDL, representing ultimately the business services defined in accordance with a SOA approach. This WSDL is used as services contract to be implemented by the Java developers.

### Development:

N/A

**Employee's Roles & Responsibilities in the project:**

Functional analyst

**Technologies and methodologies used by the employee in the project:**

WORD, J2EE, Rational RequisitePro, Rational Software Architect, XMLSpy

UML and RUP methodology

## CV professional experience page

CV experience page number for this CV:	2
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PROJECT EXPERIENCE	
<b>Project name:</b>	CPS Release 2
<b>Company (employer):</b>	SWORD/EBTEE
<b>Dates (start-end):</b>	From 02/07/2007 to 10/9/2007
<b>Client (customer) :</b>	DG-RTD (CEE)
<b>Project description :</b> <u>Goal:</u> Functional analysis for the Forward Call Planning, to deal with resources allocation <u>Analysis:</u> Functional analysis for the Forward Call Planning <u>Development:</u> N/A	
<b>Employee's Roles &amp; Responsibilities in the project:</b> Functional analyst	
<b>Technologies and methodologies used by the employee in the project:</b> WORD, Power Design, J2EE, Oracle 9 UML and RUP methodology	

## CV professional experience page

CV experience page number for this CV:	3
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PROJECT EXPERIENCE	
<b>Project name:</b>	LEXIC
<b>Company (employer):</b>	SWORD/EBTEE
<b>Dates (start-end):</b>	From 03/01/2007 to 29/06/2007
<b>Client (customer) :</b>	DG-RTD (CEE)
<b>Project description :</b>  <u>Goal:</u> To define meaningful Concepts relevant to the DG-RTD business domains, to standardize their representation through all computer systems and databases used by the DG-RTD, aiming that one Concept be represented by only one Data Type in databases and application.  <u>Analysis:</u>  Functionnal analysis of the LEXIC System.  Technical analysis of the LEXIC System (Conceptual Data Model and Physical Data Model based on Oracle)  <u>Development:</u>  Developpement of SQL queries to illustrate strategies and heuristics designed to automate the extraction of Concepts from the differents Oracle databases of the DG-RTD. The focus is set on the Meta data by using the Oracle Data Dictionary.	
<b>Employee's Roles &amp; Responsibilities in the project:</b>  Analyst	
<b>Technologies and methodologies used by the employee in the project:</b>  WORD, Power Design, J2EE, Oracle 9, PL-SQL  RUP, UML,	

## CV professional experience page

CV experience page number for this CV:	<b>4</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	CPS (CALL PASSPORT SYSTEM)
<b>Company (employer):</b>	SWORD/EBTEE
<b>Dates (start-end):</b>	CPS From 14/11/2006 to 29/12/2007
<b>Client (customer) :</b>	DG-RTD (CEE)
<b>Project description :</b>  <u>Goal:</u> Evaluate and allocate the resources for the different research projects in which the DG-RTD is involved. Theses resources are budget as well as human resources in term of expert committee designated for the specific research areas.  <u>Analysis:</u>  Functional analysis of the Call Passport System.  <u>Development:</u>  N/A	
<b>Employee's Roles &amp; Responsibilities in the project:</b>  Functional analyst	
<b>Technologies and methodologies used by the employee in the project:</b>  WORD, Visio, Power Design, J2EE, Oracle 9  UML and RUP methodology	

## CV professional experience page

CV experience page number for this CV:	<b>5</b>
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PROJECT EXPERIENCE	
<b>Project name:</b>	Rapidd
<b>Company (employer):</b>	Axialog
<b>Dates (start-end):</b>	From 11/09/2006 to 13/10/2006
<b>Client (customer) :</b>	Proximus
<b>Project description :</b> Develop class and user controls for the IT project management application.	
<b>Employee's Roles &amp; Responsibilities in the project:</b>	
<b>Technologies and methodologies used by the employee in the project:</b> VB6, Oracle 9, PL-SQL.	

## CV professional experience page

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PROJECT EXPERIENCE	
<b>Project name:</b>	Hygie
<b>Company (employer):</b>	Axialog/SAGA
<b>Dates (start-end):</b>	From 04/07/2006 to 07/07/2006
<b>Client (customer) :</b>	COCOF (Commission Communautaire Française)
<b>Project description :</b> Solve some majors problems in an VBA application used to manage file with personal data on handicapped	
<b>Employee's Roles &amp; Responsibilities in the project:</b> Développeur/Analyste senior	
<b>Technologies and methodologies used by the employee in the project:</b> VBA, ACCESS, Java, PostgreSQL.	

## CV professional experience page

CV experience page number for this CV:	7
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PROJECT EXPERIENCE	
<b>Project name:</b>	Drug Hunting Team Preclinical Meta Test
<b>Company (employer):</b>	Axialog/SAGA
<b>Dates (start-end):</b>	From 06/06/2006 to 01/07/2006
<b>Client (customer) :</b>	Lilly– Pharmaceutical Sector R&D
<b>Project description :</b>	
<u>Goal:</u>  Create a prototype very close to the finalized application allowing all users (statistician, biologist) to define the pre-clinical test they are involved in, specifying protocol and assays, as well as statistical method, in a common framework.	
<u>Analysis:</u>  Made with the senior scientist (statistician) responsible for this project.	
<u>Development:</u>  Multitier application in C# allowing each user to work in disconnected mode as well as in connected mode exchanging data with the server (through a web service) in XML format. The database is Oracle (OraClient provider in ADO.NET) but may be SQL Server as well or any other one through OLE DB. The interface was developed in Winforms.	
<b>Employee's Roles &amp; Responsibilities in the project:</b>	
Senior Analyst-developer	
<b>Technologies and methodologies used by the employee in the project:</b>	
Oracle 9, PL-SQL, SQL Server .NET (C#), ASP.NET	

## CV professional experience page

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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Project : WorldSuite 2.0 and Crystal Report Integration
<b>Company (employer):</b>	EDITAL – Intellectual Property Network
<b>Dates (start-end):</b>	14/06/2004 to 30/03/2006
<b>Client (customer) :</b>	Gevers and IP departments of various companies of the size of Coca-Cola, GlaxoSmithKline...
<b>Project description :</b>	
<p><u>Goal:</u></p> <p>Generation of Meta Reports (and their clones in term of “FULL”, “Minimal”...) from any driving modules of World Suite (all windows forms based on the main entities as Trademark, Patent) Reports Generator from the query builder module, with grouping reflecting the TrueDbGrid layout.</p> <p><u>Analysis:</u></p> <p>First together with the R&amp;D Manager, author of the previous versions of WorldSuite and in combination with training periods, learning of business rules and legal aspects of IP (Trademark, Patent) through WorldSuite.</p> <p><u>Development:</u></p> <p>VB6, RDC object hierarchy, programming with CRAXDRT, and CRAXDDRT (the second for reports dynamic creation from the WorldSuite Query Builder)</p>	
<b>Employee’s Roles &amp; Responsibilities in the project:</b>	
Senior Analyst-Developer/Project Leader	
<b>Technologies and methodologies used by the employee in the project:</b>	
SQL Server, VB6, Crystal Report	

## CV professional experience page

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PROJECT EXPERIENCE	
<b>Project name:</b>	E-FILING
<b>Company (employer):</b>	EDITAL – Intellectual Property Network
<b>Dates (start-end):</b>	From 01/01/2006 to 30/03/2006
<b>Client (customer) :</b>	GEVERS
<b>Project description :</b>	
<u>Goal:</u> The Office of Harmonization for the Internal Market (OHIM) registers the Community Trade Mark in the European Union. E-Filing allows to complete electronic application forms in the scope of CTM (European Community Trade Mark) XML files containing application data from WorldSuite are generated from C# classes in accordance with the OHIM XSD schema, are encrypted (using .NET cryptographic providers AES and RSA) and are sent to the OHIM web service. .NET dll developed in C# are called in the background of WorldSuite Word Templates through a VB6 class modules layer.	
<u>Analysis:</u> From XSD schema, UML diagrams and documents provided by OHIM.	
<u>Development:</u> C#, JAVA, ASP.NET, ADO.NET, XML, VB6 (backward and forward compatibility) WORD Automation.	
<b>Employee's Roles &amp; Responsibilities in the project:</b> Senior Analyst-Developer	
<b>Technologies and methodologies used by the employee in the project:</b> UML Class diagram, C# (.NET), Web Services, Java and .Net Cryptographic providers, SQL Server	

## CV professional experience page

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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	EURID
<b>Company (employer):</b>	EDITAL – Intellectual Property Network
<b>Dates (start-end):</b>	
<b>Client (customer) :</b>	GEVERS
<b>Project description :</b>  <u>Project : EURID</u>  <u>Goal:</u>  Allows holders of “prior rights” to register their name during the “Sunrise Period” (to become an .eu registrar)  My role in this project was to develop the application to extract data from WorldSuite  Database of an important Trademark owner representative. This extractor has to be very flexible in order to prepare and sort the extracted data following various criteria before to be sent to the new domain.	
<b>Employee’s Roles &amp; Responsibilities in the project:</b>  Senior Analyst-developer	
<b>Technologies and methodologies used by the employee in the project:</b>  Windows XP, Visual Studio 6 (VB6, VC++, IDL, COM & DCOM), ACCESS, SQL Server 2000 – 2005	

## CV professional experience page

CV experience page number for this CV:	<b>11</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Weasys
<b>Company (employer):</b>	S3i Consulting
<b>Dates (start-end):</b>	From 16/09/2002 to 31/03/2003
<b>Client (customer) :</b>	
<b>Project description :</b>  <u>Goal:</u>  Display of advertising spots on plasma screens in commercial areas.  <u>Analysis:</u>  Started by one of the two S3i Managers.  <u>Development:</u>  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	
<b>Employee's Roles &amp; Responsibilities in the project:</b>  Senior Developer	
<b>Technologies and methodologies used by the employee in the project:</b>  SQL Server, C#, VB.NET, web services	

## CV professional experience page

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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Packaging Services
<b>Company (employer):</b>	S3i Consulting
<b>Dates (start-end):</b>	From 16/09/2002 to 31/03/2003
<b>Client (customer) :</b>	
<b>Project description :</b>	
<u>Goal:</u> Tracability of medicine-box by way of a new unique index system (VB6 and ACCESS or SQL Server)	
<u>Analysis:</u> UML modeling with Enterprise Visual Modeler. Classes and interfaces generation.	
<u>Development:</u> VB6	
<b>Employee's Roles &amp; Responsibilities in the project:</b> Senior Developer	
<b>Technologies and methodologies used by the employee in the project:</b> VB6	

## CV professional experience page

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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	BioWhittaker
<b>Company (employer):</b>	S3i Consulting
<b>Dates (start-end):</b>	
<b>Client (customer) :</b>	Bio Whittaker
<b>Project description :</b>  <u>Goal :</u> Tracability of biopsies by mean of a handscanner. <u>Analysis:</u> Workflow definition with the users (BioWhittaker pharmacologists). <u>Development:</u> MCL (Macro Control Langage) specific for scanner programming.	
<b>Employee's Roles &amp; Responsibilities in the project:</b>  Senior Developer	
<b>Technologies and methodologies used by the employee in the project:</b>  MCL	

## CV professional experience page

CV experience page number for this CV:	<b>14</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Nestlé Waters (production site of Etalle)
<b>Company (employer):</b>	S3i Consulting
<b>Dates (start-end):</b>	
<b>Client (customer) :</b>	Nestlé
<b>Project description :</b>  <u>Goal:</u> Tracability of palets through all the production's line. <u>Analysis:</u> <u>Development:</u>  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	
<b>Employee's Roles &amp; Responsibilities in the project:</b>  Senior Developer	
<b>Technologies and methodologies used by the employee in the project:</b>  SQL SERVER, C#	

## CV professional experience page

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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	HELIX
<b>Company (employer):</b>	LAPPERRE – Hearing Systems
<b>Dates (start-end):</b>	From 01/09/1999 till 31/05/2002
<b>Client (customer) :</b>	
<b>Project description :</b>	
<u>Goal:</u> Deliver the new audiology software of Lapperre. To reassure data of Lapperre hearing centers in an Y2K compliant database system (ACCESS 2000 in a first stage, SQL Server afterwards)	
<u>Analysis:</u> In accordance with RUP and the spiral process model, 3 main iterations were distinguished, corresponding to the 3 main aspects of the new software: <ol style="list-style-type: none"><li>1. Global interface architecture (forms allowing nested master to details blocs management), in VB6.</li><li>2. Graphic modules to display and record the various types of audiometries (tonal, vocal,...) Programming of mathematic methods for device's adaptations.</li><li>3. Editor/generator of ORL (NKO) letters with audiometries. Those letters (as well as those for the general practitioner, for the mutual insurance company, etc.) can be generated in French as well as in Dutch. Helix is (at least) a bilingual software.</li></ol>	
<u>Development:</u> Based on a Client/Server architecture, the first release of Helix contained more than 100000 lines of code. A local network with 3 to 5 five PC on the average in each hearing centres, with one ACCESS database on a PC Server.  The second release contains more than 150000 lines of code in 2001. New interface architecture. The access technology, first based on DAO, is replaced by ADO. SQL Server as centralized database in the Grand-Bigard's administrative center.	
<b>Employee's Roles &amp; Responsibilities in the project:</b>  Project Leader/Senior Developer	
<b>Technologies and methodologies used by the employee in the project:</b>  VB6, VC++, ACCESS, SQL Server	

## CV professional experience page

CV experience page number for this CV:	<b>16</b>
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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	LIMS
<b>Company (employer):</b>	UCB- secteur Pharmaceutique R & D – Data Management
<b>Dates (start-end):</b>	From 16/11/1990 to 31/08/1999

**Project description :**

Goal :

Federate in Oracle all data of the various pre-clinical tests applied in UCB Pharma. Manage the tests data through common interfaces. Generate statistical reports based on those data.

The LIMS I was responsible for were :

- Ames: mutatest, or Genetic Toxicology test
- RST: test anesthetized rodents to verify the chemical substance's activity on the cardio-vascular level.
- Konzett Long, Konzett court, BAC: 3 versions of the same anti-asthmatic test with anaesthetized rodents.
- Irwin: test on mice to verify chemical substance activities in the Central Nervous System
- Binding: set the focus on receptors.

Analysis:

The first attempt to implement a global LIMS was first conducted with UNIFACE (1990-1991) from 1992, change of course: definition of a new global scheme, following the Oracle's CASE METHOD approach. I used the corresponding tools (CASE Designer, CASE Dictionary, CASE GENERATOR...) Statistical reports are generated with SAS. I took 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, PL-SQL, SAS BASE, SAS MACRO. Conception of 2 reports generators:

- With SAS, to represent the results of all pre-clinical test involving statistics.
- In ProC and C, for the Irwin test only, which does not involve any statistical computation , but what may be defined to a certain extent as an expert system ( based on inferences )
- Various DCL scripts to run the different modules (respectively SQL\*Forms, ProC, C and SAS) of LIMS applications 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.

**Employee's Roles & Responsibilities in the projects:**

LIMS Applications responsible/Analyst/Senior Developer

**Technologies and methodologies used by the employee in the project:**

ORACLE, PL-SQL , SAS, C & ProC (Oracle)

## CV professional experience page

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<b>PROJECT EXPERIENCE</b>	
<b>Project name:</b>	Clusters of molecules – Molecular Modelisation and Structure Activity
<b>Company (employer):</b>	UCB- secteur Pharmaceutique R & D – Data Management
<b>Dates (start-end):</b>	1996 – 1998
<b>Project description :</b>	
<u>Goal:</u>	
To group molecules together according to their similarity degree. To use existing or the design new algorithms and combinatorial methods based on the Graphs Theory.	
<u>Analysis:</u>	
With classical algorithms of Graph Theory, the computation time increases exponentially according to the number of elements (molecules) to compare. Three research's axis may be followed to solve this problem:	
<ul style="list-style-type: none"><li>▪ Design new deterministic algorithms (which prevent from any uncertainty or approximation) by relying on the Graphs Theory.</li><li>▪ Apply non-deterministic algorithms, allowing uncertainty. Genetic algorithms in combination with Fuzzy Logic, are relevant to this approach.</li><li>▪ Design and apply hybrid methods, combining booth previous approaches.</li></ul>	
<u>Development :</u>	
First approaches with genetic algorithms in C++ (Borland on PC). But as no C++ compiler is available on the ULTRIX System (on the researcher's workstations). I developed my application in C.	
<b>Employee's Roles &amp; Responsibilities in the project:</b>	
Analyst/Senior Developer	
<b>Technologies and methodologies used by the employee in the project:</b>	
UNIX , C, C++	

## CV professional experience page

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### PROJECT EXPERIENCE

<b>Project name:</b>	
<b>Company (employer):</b>	INFORMABEL ( Industrial Data Processing )
<b>Dates (start-end):</b>	From 10/1989 till 20/09/1990
<b>Client (customer) :</b>	General Biscuit, Stesud, Unisys

#### **Project description :**

Project: GENERAL BISCUIT – Beveren – of Manufacturing Handling ( automated warehouse )

#### Goal :

Send the palets carrying the biscuits boxes towards their destination in the warehouse with help of tip-truck system replacing the clarks. Optimise the placing of the biscuits boxes according to their arrival date ( first-in first-out )

#### Analysis :

I analysed the part of the application covered by its program piloting the engine ( stapelaar ) at the warehouse's entrance and designs queries in order to optimise the placing of biscuits boxes.

#### Development:

Module "stapdoor" piloting the "stapelaar" engine via a PLC, in Informix/4GL, and computing the destination of the biscuits boxes as well as their optimal placing. The module is interfaced with as well as their optimal placing. The module is interfaced with drivers written in C and running on AIX to communicate with the scanner ( bar code reader ) and the PLC.

#### Project: UNISYS

#### Goal:

Prove the access performances to an INFORMIX Database with an UNYSIS computer.

#### Analyse :

#### Development:

Demo-program, main module and interfaces in Informix/4GL

#### Project: STESUD

#### Goal :

Optimise the queries in the INFORMIX database of the DCC company publishing a computer address book.

#### Analyse:

Specifications to reshape the existing application.

**Employee's Roles & Responsibilities in the project:**

Analyst-programmer

**Technologies and methodologies used by the employee in the project:**

AIX, C, INFORMIX/4GL, HP UNIX, OS2