

**Laurent FLAUM**

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Birthday : September, 26 1967 in Nancy (54)  
Married, 2 childs  
Military service done  
Car driving License



**GENERAL ENGINEER  
SPECIALIZED IN COMPUTER SCIENCE,  
AUTOMATIC, ELECTRONIC  
SOFTWARE DEVELOPMENT  
AND PROJECT MANAGEMENT**

## FORMATION - DIPLOMAS

ECAM Lyon Engineer Graduate	June 30, 1990
ESE (SUPELEC) Engineer Graduate	July 10, 1992

## KNOWLEDGES

- Electronics, Automation, Electrotechnology

- **Computer science:**

Languages :	ADA, Assemblers, Basics, C, C++, C#, CLOS, Fortran, Foxpro, Lisp, Pascal, PRO C, Prolog, SQL, UML, Views, Visual Basic, XAML
Databases:	Access, Clipper, Dbase, Foxpro, Oracle, SQL Server, Watcom.
Systems:	CP/M, MSDOS, NOVELL, OS/2, PICAXE, UNIX, VMS, Windows 3.x, Windows 95, 98, NT (3.51 and 4 server and station), 2000 (server and pro), XP, 2003 server, Vista, Windows 7 and 8
SAP :	Crystal reports, Access
Network:	TCP/IP, RS232, OPC (Ole for Process Control), OLE, COM, WCF

- Accounting

## FOREIGN LANGUAGES

**French:** native tongue  
**English:** current; TOEIC(Commercial English) in September 25, 1989 (720 pts)  
**German:** read, translated

## PROFESSIONAL EXPERIENCE

**RSI in Meylan (Grenoble suburb) since February 2000**

**Project management** and development of oil process analysis and simulation applications for the IFP company.

Languages : Visual C++, Ilog Views, SQL and Oracle on WINDOWS 95, 98, NT, 2000 and XP PC compatible computers.

**Project management** and **integration** of simulators to the Foxboro control platforms on SUN under Unix for the SINCOR company (Venezuela).

Participation in the **development** of refinery process book generation software for the Axens company (IFP Group Technologies).

Languages : Visual Basic, Access, SQL and Autocad (R14, 2000, 2002) on WINDOWS NT PC compatible computer.

Participation in the **development** of « Indiss » simulation platform. Simulation of the Honeywell TDC 3000 platform.

Languages : Visual C++ 1998 to 2003 on Windows NT, 2000 and XP PC compatible computers. RS232 communication.

**Development** of a "COM" component allowing to convert measuring unit systems "on the flight".

Languages : UML modelisation; Visual C++ on Windows 2000 and XP PC compatible computers.

**Project management** and development of « IndissPlus » simulation platform in coordination with the IFP company.

Languages : Visual C++ 2005 to 2012, Visual C# 2008 to 2012, Visual Studio 2005 to 2012, XAML on Windows XP, Vista and Windows 7 PC compatible computers.

**Development** of interfaces between "Indiss" and "IndissPlus" simulation platform and customers DCS (Distributed Control Systems).

Languages: Visual C++ 1998 to 2012, Visual C # 2008 to 2012, Visual Studio 1998 to 2012, using OPC (Ole for Process Control) , OLE, COM and WCFprotocols and proprietary (eg ABB 800xA) interfaces on Windows XP, Vista and Windows 7 PC compatible computers.

**Management** of the machines and administration of the network (50 Windows NT4, 2000 Pro, XP Vista and Windows 7 workstations, 1 Windows 2000 server, 1 Windows NT4 server, 2 Windows 2003 servers, TCP/IP, Netbios and IPX protocols).  
Current English practice.

ITRON S.A. in Vienne (American Company)

December 1993 - February 2000

Development of meter reading applications via a low power radio network (433 MHz, 10 mW):

- 1<sup>st</sup> version in C, Clipper and Foxpro language on MSDOS PC compatible computer.
- 2<sup>nd</sup> version in Visual C++, Watcom SQL, Access, and Visual Basic (3 and 5) language on WINDOWS 3.x, 95, 98 and NT (3.51 and 4) PC compatible computer and use of Crystal Reports for the reports.

**Project management** for customer who ordered specifics developments (AQUAMETRO, EDF, Electricité de Strasbourg, Gaz de Bordeaux, ...): specifications, development co-ordination (1 or 2 persons depending of the project), validation and delivery to the customer.

**Management** of the NOVELL 3.12 network (50 stations, 2 servers, IPX protocol) during 2 years and of the NT 4 network (15 stations, 1 server connected to the two Novell servers, IPX and TCP IP protocol) during one year.

Daily English practice.

**TRAININGS, MILITARY SERVICE**

SACTI company in Vénissieux (Rhône France)

June-August 1989

Realisation of a production management application in Fortran language on MicroVAX 2000 (VMS)

SACTI company in Vénissieux

March-July 1990

Beginning of the development of a production management program under ORACLE with SQL and C languages

Military Service (S.T.A.T Versailles)

September 1992-August 1993

Computer Support, Developments (in Pascal, C, C++) and Training ("Scientifique du contingent")

**PERSONAL REALISATIONS**

Development of a mathematics software in Pascal and C languages under MSDOS and in Visual C++ language under Windows 95, 98, NT, XP, Vista and Windows 7 (The Windows version can be downloaded on the <http://approxim.online.fr> and <http://approxim.flaum.biz> web sites).

Use of 6800 and PICAXE microcontrollers.

Conception of electronic systems such as alarms, video tools, ... (some of them can be seen on the <http://laurent.flaum.biz> web site)

Installation of alarm systems (Aritech, Telem, ...) and realization of adaptations cards

Development of Web sites (<http://www.panamtrombone.com>, <http://www.flaum.biz>, <http://laurent.flaum.free.fr>, <http://approxim.online.fr>, ...)

PC and Mac remote maintenance using LogMeIn (Windows 2000 to Windows 8, Mac OS).

**OTHER ACTIVITIES**

Volunteer syndic of the « Tonnelles Immeubles » condominium

december 2003 to january 2007

<http://tonnelles.immeubles.free.fr>

Chairman of union of the « Tonnelles Immeubles » condominium

since january 2007

Treasurer of the "Echo des Parents" association of school parents

september 2011 to september 2014

<http://echodesparents.free.fr>

**LEISURES**

Photo, travelling, ... You can see photos of my different trips on the <http://laurent.flaum.biz> Web site.