

**Laurent FLAUM**

Birthday: September, 26 1967 in Nancy (54)

Married, 2 childs

Military service done

Car driving License

Disabled worker recognition since 2012

Cat.1 disability since 2017

✉ laurent@flaum.biz



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

## TRAINING - 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, LINUX, 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, 8, 8.1 and 10
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

**CORYS \* in Grenoble, France**

since June 2014

\* This Job started in RSI company which merged CORYS in October 2017.

**Support** of the users and customers of « Indiss » and « IndissPlus » hydrocarbons simulation platforms.

Requests management and answers.

Corrections in the softwares code when necessary.

Languages : Visual C++ 1998, 2012 and 2015, Visual C# 2012 and 2015, Visual Studio 1998 , 2012 and 2015, XAML on Windows XP, Vista, 7 and 10 PC compatible computers.

Daily English practice.

**RSI \* in Meylan, Grenoble suburb, France**

June 2007 – June 2014

\* RSI company moved from Montbonnot to Meylan in September 2013.

**Project management** and development of « IndissPlus » hydrocarbons 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 2000, XP, Vista, and 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 WCF protocols and proprietary (eg ABB 800xA) interfaces on Windows 2000, XP, Vista and 7 PC compatible computers.

Frequent English practice.

Laurent FLAUM - General engineer specialized in computer science, automatic, electronic  
Software Development and Project Management

**RSI in Montbonnot, Grenoble suburb, France** **June 2002 - June 2007**

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

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

Frequent English practice.

**RSI in Montbonnot** **June 2002 - June 2007**

**Management** of the machines and administration of the network (50 Windows NT4, 2000 Pro, XP and Vista workstations, 1 Windows 2000 server, 1 Windows NT4 server, 2 Windows 2003 servers, TCPIP, Netbios and IPX protocols).

**RSI in Montbonnot** **February 2002 - June 2002**

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.

**RSI in Montbonnot** **February 2000 - June 2002**

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

Daily English practice.

**ITRON S.A. in Vienne, France (ITRON is an 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.

## **MILITARY SERVICE**

**S.T.A.T Versailles, France** **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.flaum.biz>, <http://laurent.flaum.free.fr>, <http://approxim.online.fr>, ...)

Maintenance of PC using Windows (Windows 95 to Windows 10) and using Linux (Debian).

PC and Mac remote maintenance using LogMeIn and TeamViewer (Windows 2000 to Windows 10, Mac OS).

Administration of a Raspberry PI 4 running on Linux (Raspbian): Intranet, NAS, inverter management, ...

## **OTHER ACTIVITIES**

Volunteer syndic of the « Tonnelles Immeubles » condominium december 2003 - january 2007

Chairman of union of the « Tonnelles Immeubles » condominium january 2007 - june 2015

Treasurer of the "Echo des Parents" association of school parents september 2011 - august 2014

## **LEISURES**

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