

Frédéric ESTUPINA
Married, 30 years old
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ENGINEER in Computer Science (Systems Architecture)

Technical skills :

-Computers' hardware and telecommunications:

Microprocessors et microcontrolers : Z80, 8085, 8051, 80x86, 6809, 680x0, 68705, 68HC11, DSP56000.

Computers : PC, Macintosh, SUN Sprac station 5, Lectra System, IBM AS400, HP3000.

Network devices : CISCO 2500, Router RNIS ASCEND, Routers HP, Switches, Hubs.

Phones and communications hardware : MATRA 6502, Matra 6504, Visio conference Radiance CLI.

-Programming languages:

PASCAL, BASIC, C, C++ (Microsoft Classes), Visual Basic, ASSEMBLER, FORTRAN, ADA, LISP, SCHEME, VHDL, HTML / CGI and basic skills in JavaScript and PHP.

-Systems and software:

Systems: DOS, UNIX, WINDOWS 3.11 / WG / NT / 95 / 98 / 2000, OS2, LINUX, NOVELL NETWARE 3.12 / 4.1 / 4.11, OS400V4.4

Office suites: Microsoft Office, LATEX, WORKS, LOTUS Smartsuite, CCMail, Notes.

CAD: AutoCAD, AUTOSKETCH, Micrografix Draw.

Electronics' design: ORCAD, SPICE, HEWLETT PACKARD MDS, ESOPE, MENTOR GRAPHICS, COMPASS VLSI, SOLO 1400, ASYL+, OCEAN, CAC3D.

Other: HP Openview, Attachmate RALLY, IBM Client Access, MS SQL Server 7.0

-Protocols / Standards: TCP/IP, Frame Relay, RAS, VPN, RNIS, IPX/SPX, SAA.

-Various projects realised in school or personal context:

Electronics: Building of an ISA acquisition card for Météosat pictures reception (APT signal) and programming of its operating software. Implementation of a 68000 microprocessor. Design and building of an 8 bits microprocessor in gates logic.

Microelectronics: ASIC Design of a real-time audio data compression pre-characterised processor. Design of a full custom CMOS library cell. CMOS chip manufacturing in clean room environment.

Computer science: Programming of a PASCAL compiler in ADA language. Programming of a multitask network in C and assembler. Basics skills of Artificial Intelligence.

Work experience :

-1996-2002 *Company*: LDB Diffusion / VF Lingerie S.A. SEYSSINET ([Vanity Fair](#) Corporation)

Function: Network Administrator and computer department manager (5 people).

Activities: System installation, configuration and administration for four corporation companies.

-1995-96 *National Service*: Done in the GSTEI (Groupement de Soutien des Télécommunications

Et de l'Informatique de LYON), member of the 45th Transmissions' Regiment.

Activities: Microsoft Access and Excel applications programming, NOVELL 3.12 network administration and computers' maintenance.

* Obtaining of a congratulations letter from the colonel.

-1995 *Company*: Innovative Synthesis Technologies in GRENOBLE.

Duration: ENSERG's last year internship, 3 months.

Activities: Algorithm design and C programming of ASICS to FPGAS migration software for prototyping; and implantation of this code in the logic synthesis software ASYL+.

-1994 *Company*: [COMPASS Design Automation](#) in COLUMBIA (Maryland USA)

Duration: ENSERG's 2nd year internship, 8 weeks.

Activities: Software migration of a VHDL design and simulation tool: 'Scout', from UNIX to Microsoft system and graphic interface building in Microsoft Visual C++ & MFC.

Educational History :

- 2000 Microsoft Access Programming course in the GRENOBLE training centre of Koëtis.
 - 2000 Microsoft SQL Server 7.0 Administration course in the GRENOBLE training centre of Koëtis.
 - 1999 Windows NT Administration course in the GRENOBLE training centre of Koëtis.
 - 1997 Course "[Principes de base de l'IBM AS400](#)" in the GRENOBLE training centre of [HARDIS](#).
 - 1997 Course "CNA [NOVELL](#) C520 - [NetWare 4.11](#) Administration" in the LYON training centre of [AZLAN](#).
 - 1992-95 Student-engineer at the [ENSERG](#) (Engineering School of Electronics and Radio-electricity in GRENOBLE) in the [System Architecture Section](#) common with the [ENSIMAG](#) (Engineering School of Applied Mathematics and Computer Science).
 - 1991-92 [D.U.T. Génie Electrique Informatique Industrielle](#) Electronics option in MONTPELLIER
 - 1990 Baccalauréat série E: A level equivalent specialised in mathematics, physics and technology in NARBONNE
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Foreign languages :

- English*: Fluent, 2 months training period in USA and several stays in England.
 - Spanish*: Fluent, 5 last years worked with a Spanish team.
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Extra curricular activities :

- Hobbies: Electronics, Computer Science and do-it-yourself enthusiast.
 - Sports: Touring on bicycles, mountain biking, skiing and swimming.
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