

Hervé Chaminaud



email: herve@chaminaud.net
Born July 20 1979, French, Single
Driving license



Development and embedded software design

“Provide your team with my technical skills and dynamism”

Professional Experience

October 2010 - 2011

Faiveley Transport (www.faiveley.com)

Study / development

- CCTV team, development of video-surveillance software for train driver console using IP cameras (Linux multithreading).
- Development for on board video recorder with IP cameras.
- Specification writing of Romanian subcontractors software developers.

Tools and platforms: VX-Works, Linux, Eclipse, Tornado, C, SVN, http/rtsp, html, javascript, goahead web server, Python

April 2003 - 2010

ST-Ericsson, Le Mans, France

Software design / embedding software development / support / training

- Maintenance and development of the video framework (display and acquisition) for mobile phone.
- Maintenance and development of camera hardware controller driver.
- ISP development (image signal processor)
- LCD driver development, DSI/MIPI controller driver, Camera serial interface CSI2/MIPI controller driver.
- Driver development on virtual platforms systemC/Carbon/FPGA.
- Maintenance and development TV out and HDMI peripheral drivers.
- Technical support and training for Korean, Chinese and Romanian people on acquisition and display part of the video framework.

NXP, Philips semiconductor, Le Mans, France

Embedding software development / support

- Ladybird team, real time validation of microprocessor peripherals and drivers for mobile phone. Hardware/software debugging, management and execution of validation plan.
- Management of Lauterbach in-circuit debugging hardware. Developer support for debugging application trace32.

Tools and platforms: C, Unix, Clearcase, Clear DDTs, Lauterbach Trace32, JTAG ETM, Coverity, lab windows CVI, proprietary RTK OS, ARM-9

Jan - Apr 2003

MMA, Le Mans, France

Creation and optimization of software tools for non-technical people.

Tools and platforms: Excel, Access, VB

Mar - Sep 2002

PTV, Paris, France (www.ptvloxane.com)

Client support / client training / design / development

Web development map and guide online service of PTV company.

Tools and platforms: ASP, Access, MySQL, PHP, XML

Sep 2000 - Jul 2001

Logmetrix, Paris, France

Development of a database preview and edit module, for an email campaign software.

Tools and platforms: Java, Swing, XML, JDBC

Apr - Jul 2000

Sidexa, Paris, France (www.sidexa.fr)

Design and development of internet software update. Client part done with delphi (Windows), server developed in C on Unix Solaris.

Tools and platforms: C, Solaris, MySQL, Borland DELPHI

Education & Qualification

- 2010** Linux embedded training for ST-Ericsson
- 1999 – 2002** Software engineering school, **EPITECH**, France, www.epitech.net.
- 1997 – 1999** University technology diploma in computer science at IUT of Vélizy, France (<http://info.iut-velizy.uvsq.fr>)
- 1996 – 1997** Baccalauréat in electronics at N.D. de St. Croix high school in le Mans, France.

Skills

- Languages** C/**UNIX/LINUX**,
Java, C++, VB, Perl, XML, SQL, PHP, ASP, JSP, ADA, JavaScript, C#, Python, shell script
- OS** Mac OS X
Windows 9x/XP/7, MS-DOS
UNIX/BSD, Linux.
- Others** Database MySQL, Access
UNIX, Windows Administration
CVS, SVN, ClearCase
Emacs, vi, Word, Excel, Access, PowerPoint, MsProject, Photoshop, Adobe Premiere.
Electronics debug equipment, logic analyzer, protocol analyzer, and oscilloscope.
Electronic protocols: I2C, IIS, SDRAM, SPI, BT601, BT656

Languages

- French** Mother tongue
- English** Highly proficient
- Spanish** Knowledge

Hobbies and interests

- Sports** Roller skating
Swimming
Dance: Salsa and rock