

Samuel Hocevar

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Born on 5th August 1978

French nationality

IT engineer and R&D manager

Experience

- 2006-present Director of R&D at **Uniways**-Innovatys (Easydentic group) (*surveillance systems, video streaming solutions, intelligent vision*)
- 2002-2006 **SNCF** - Direction de l'Innovation et de la Recherche, **ENST** - Laboratoire Informatique et Réseaux : research engineer (*C, C++, Unix, Win32, WinCE, MPEG, MPEG2, MPEG4, image processing, computer vision, 3D reconstruction, video coding, HDTV*)
- 1998-2002 VideoLAN, video streaming solution and cross-platform DVD player: major project contributor for several years (*C, C++, Unix, Win32, MPEG, MPEG2, DVD*)
- 1998-present **Debian**, the universal operating system: developer, project leader in 2007-2008

Training

- 2003-2006 École Nationale Supérieure des Télécommunications (ENST), Paris: Computer Science Industrial PhD (unfinished)
- 2002 École Centrale of Paris: engineer's diploma, electromechanical systems and applied mechatronics speciality, project management specialisation, graduated with honours (mention bien)

Technical knowledge

- Systems Linux mastered, good knowledge of BSD systems, Solaris, HP-UX, Mac OS X, Windows
- Programming Excellent C, C++, Python, good knowledge of C#, Perl, PHP, JavaScript, Scheme, various assemblies (i386, NEC Saturn, m68k, Z80)
Familiar with embedded systems (Linux, Windows Mobile, SymbianOS), multi-threaded models, reverse engineering, security (authored several security tools)
Good Xlib, GTK+/GNOME, SDL, OpenGL experience
- Multimedia Image processing (authored one scientific publication and abundant software)
Audio and video compression (MPEG, MPEG-2, H.264)

Miscellaneous

- Languages Fluent French (mother tongue, good grammar and spelling), fluent English (TOEFL score: 647, can tell the difference between *it's* and *its*), good knowledge of German and Spanish
- Leisure Judo (for 8 years), football, chess competitions (last ELO: 1860)
Active **Wikipedia** contributor since 2004
Drawing, reading, cinema; artistic, scientific and entertaining projects