

## Samuel Hocevar

6 bis passage Dareau 75 014 Paris

Phone: (+33) 681 122 062

E-mail: [sam@hocevar.net](mailto:sam@hocevar.net)

Born on 5th August 1978

French nationality

## IT engineer and R&D manager

### Experience

---

- 2009–present Senior R&D Engineer at **DONTNOD Entertainment**
- 2006–2009 Director of R&D at [redacted], a 700-employee company (*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 the PS3, Xbox 360, BSD systems, Solaris, HP-UX, Mac OS X, Windows
- Programming Excellent C, C++, Python, x86, amd64, PowerPC & Cell assembly, good knowledge of C#, Perl, PHP, JavaScript, Scheme, NEC Saturn, m68k, Z80  
Embedded systems (Linux, iOS, Android, 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