

# Jean-Baptiste Kempf

*Startup founder, VideoLAN president*

18 rue Charcot  
75013 Paris, France

☎ +33 672 704 734

✉ [jb@jbkempf.com](mailto:jb@jbkempf.com)

🌐 [www.jbkempf.com](http://www.jbkempf.com)

📅 30 March 1983

## Education

2003–2006 **Ingénieur Généraliste**, *École Centrale*, Computer Science and Telecommunications – Minors in *Information System Management* and *Logistics*.

**École Centrale Paris** is a very prestigious and selective French graduate-level general engineering school (“Grande École”), admitting each year students in the top-1000 in Sciences of France, and leading to an equivalent of a **Master of Sciences**

2005–2006 **Master in Advanced Computer Science**, *Paris-Sud University*, Orsay, Paris XI.

Master Recherche: Processors architecture, distributed systems, high-performance computation

## Professional Experience

### Software IPTV Industry

Since 2012 **Founder and President**, *Videolabs*, Video and mobile start-up, Paris.

2009–2012 **CTO**, *Fair Play Interactive*, IPTV Start-up, Paris.

- Design of a complete middleware solution for creation of *Personalized Unicast TV Channels*: technology selection, code and solution architecture design
- Developer team direction and technical development

Since 2008 **IT Consultant and startups technical advisor**, France.

Technical consulting on IT architectures, audio and video streaming and open source

### Scientific Advisor

2007–2008 **Scientific Advisor Deputy**, *French Consulate*, San Francisco, California, USA.

France-USA scientific and technology cooperation, Technical and development consulting for Start-ups, Technology watching and prospecting and IT administration

### Long-term Internships

Jan.–Aug. 2007 **Engineer Intern**, *STMicroelectronics*, Grenoble, France.

- **Specification** of a Product LifeCycle Management ERP, *selection* of Content management application and development of XML interfaces for Rich Applications
- **Design** of microchip modules using High Level Synthesis (HLS)

May–Oct. 2006 **Research Intern**, *CEA-DAM (French DoE)*, Paris Region, France.

Work in a Research lab of the *CEA*, that had Europe’s biggest supercomputer at that time  
Research paper: “Data Structures and Performances for Itanium 2 Clusters and on the use of low-voltage vectorial co-processors for High-Performance Computing”

---

## Extra-Professional Experience

### Open Source Leader

- Since 2008 **President and executive officer**, *VideoLAN non-profit organization*.
- Projects leader and coordinator, Public Relations and Community manager
  - Creator of the legal structure and legal officer (Trademarks, Copyright, Licenses...)
  - Web developer and maintainer of *videolan.org* (PR: 8, 8 Million uniques per month)
  - System administrator of VideoLAN's servers
  - Google Summer of Code administrator and students mentor for 5 years
- Since 2006 **VLC Lead Developer**, *VideoLAN*, VLC media player.  
Popular open-source cross-platform multimedia framework and player
- Interfaces, video formats and codecs, protocols, bindings, 3<sup>rd</sup> party library integration
  - VLC 1.0, 1.1 and 2.0 releases manager and maintainer
  - Windows and Android ports maintainer
- Since 2011 **Maintainer**, *VideoLAN*, libdvdcss, libbluray.

### Campus Students Associations

- 2004–2006 **Vice-President and administrator**, *Campus Network*, École Centrale Paris - VIA.  
Technical supervisor, project leader and responsible for firms partnerships. The network enclosed 1300 student members machines, 30 servers and 80 switches with a budget of 80 000 € /year
- 2005–2006 **Administrator**, “*Residential Organization*”, organizing many campus activities.
- 2004–2005 **Project Manager and Technical lead**, *École Centrale Paris*, 2<sup>nd</sup> year project.  
Designed and installed a Wireless Network with 65 access points for the coverage of the whole campus, 8 months work with a small team, total budget 60 000 €
- 2003–2005 **Technical staff**, *Centrale Paris*, 2004 and 2005 Proms organization.

---

## Languages

French	Mother tongue	Italian	Fluent
English	Fluent	Japanese	Beginner

---

## Computer Skills

Programming	C, C++, Qt	Web	HTML/CSS, SQL, JavaScript
Scripting	Python, PHP, Shell, Lua	Networks	OSI layers, routers administration
Systems	Linux, Unix, Windows Servers, OS X	Misc	Java, C#, Fortran, x86 ASM, Obj-C

---

## Leisure and Hobbies

- Sports Sailing (competitions), Rollerskating, Skiing and Acrobatic Rock'n Roll Dancing