

Jean-Philippe ANDRÉ

jean-philippe.andre.09@centraliens.net
+82-10-6423-8608
Seoul, South Korea

French passport holder
Resident of Korea (F5)
Born in 1986

Sr. Software Engineer, Linux & Open Source Graphics Expert
Seeking new opportunities for growth

Work Experience

- 2017 -** Senior software engineer at **Samsung Electronics**, Software Center, *Seoul, Korea*.
Last project: redesign of thousands of APIs to ease app development (EFL, Tizen).
- 2013 - 2017** Software engineer at **Samsung Electronics**, Software Center, *Suwon, Korea*.
Core developer for the open source project *Enlightenment Foundation Libraries* (EFL);
Expert in graphics and scenegraph; Implemented an ETC2 image codec, an effects sub-module, and various other core features. EFL is the highly optimized UI toolkit at the core of Tizen, the OS that powers Samsung smart TV's, smart watches, digital appliances and some mobile phones.
- 2011 - 2013** Junior software engineer at **Samsung Electronics**, Mobile Division, *Suwon, Korea*.
Worked on the Android camera application framework: Panorama enhancement, 3rd party filters integration, dual camera (Galaxy S4).

Education

- 2006 - 2010** Engineering degree at **École Centrale Paris**, specialized in Advanced Systems. Masters equivalent (3 years: 2 years common, 1 year specialization + 1 gap year).
- 2004 - 2006** **Preparatory class** for engineering school entrance exams (MP*), *Henri Poincaré, Nancy*.
- 2004** **Scientific Baccalaureate** with *high honors*, specialized in Math & German.

Training and Experiences

- 2009** Google Summer of Code '09 mentor for VLC media player (VideoLAN).
- 2009** 6-months internship in digital signage as Software Developer, *Singapore*.
- 2008** 6-months internship at **Amadeus** as Software Architect (*Boston, MA* and *Nice, France*).

Computer Skills

- Current Expertise** Linux graphics, OpenGL, X11, Wayland, Git, EFL.
Main languages: C/C++, Shell, Lua. Strong experience in Linux & Open Source.
- Past Experiences** Android application & native framework, Adobe AIR, Weblogic.
Languages: Java, Python, Flex.
Networks: Linux servers admin for a 1000+ students' network.
Open source: VLC media player (core maintainer 2007-2010).
- Extras** Now studying Machine Learning & Deep Learning.

Other skills & interests

- Languages** **French:** native, **English:** fluent, **Korean:** conversational, **German:** basic.
- Leisure** Reading, gardening, snowboarding, hiking, cycling, gaming...