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# ETIENNE BRODU

## Education

- 2007 - 2012** Master of Engineering in Computer Sciences National Institute of Applied Sciences (INSA) Lyon, France
- 2004 - 2007** Advanced Scientific High School Diploma passed with honors Lycée Jean Moulin, Angers, France. Specialization: Engineering Sciences

## Work Experiences

- June - August 2010** Third year Internship: In the CITI laboratory (INRIA), working on android's virtual machine dalvik to adapt to an OSGi modification. Used Java, C/C++ with JNI.
- 2009** Second year Project: An accurate gravitational model using: Lazarus/Pascal, OpenGL. Best mark ( 17/20 )
- 2008** Website for the Insa Ski club using: Javascript/ HTML/ CSS.
- 2006** High School Project: Clock using the retinal persistence Jury presentation. Best mark ( 19/20 )

## Special Skills

- Programming languages** C, C++, Java, UML, Assembler 68K and x86, Oracle, SQL, PL/SQL, Matlab, (X)HTML, CSS,  $\LaTeX$
- Operating systems** GNU Linux (Gentoo, Debian-like), Mac os X (10.5/10.6), Microsoft Windows, VxWorks
- Networks** Basics for networks, Network functions, ISO architecture, internet architecture, data links, IP, local Area Networks
- Design methods** MERISE, UML
- Tools & Library** Qt, XCode, Eclipse, NetBeans, Matlab
- Languages** French (native),  
English (fluent),  
German(Beginner)

## Miscellaneous

- Travel** In Scandinavia, Germany, England, Ireland, Baltic States, Italia. Experiences of live in a commune
- Associations activities** BdE de l'Insa de Lyon (Student Union), free student-organized festival "*les 24h de l'Insa de Lyon*" ...)
- Hobbies** Graphic design : Adobe Creative Suite ( Photoshop, Illustrator, InDesign ... ),  
Camp counselor.
- Sport** Climbing, snowboarding, running ...