

Guillaume Coré
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Age : 24 years old (1985)
nationality : French



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Education

- 2007–2010 **Post-graduate degree majoring in computer science, specialized in Networks**
Presently in 3rd year (of a 3-year degree)
ESIL (School of Advanced Studies in Engineering), Marseille
- 2004–2007 **Three-year university degree in Mathematics**
Luminy, Marseille
- 2003 **Baccalauréat (French national high school diploma), majoring in Science**
with Honours
High school of Les Avirons, Reunion Island

Professional experience

- 2010
(6 months)
current position **Internship Skex IT. Java and Ruby developper**
Managing an important relational database. Responsible for automation of some data imports, using the UNIX toolbox and Ruby. Working with a small team of 3 persons. Implementing new features and customer wishes to an existing JEE and Ruby on Rails application.
KJEW Investments Ltd., 30 employees, >10M AUD, Melbourne, Australia
- 2009
(2 months) **Internship for an Internet Service Provider. Developing of a networking application using the Ruby programming language.**
Worked with a small team of 5 persons. Created from scratch a generic EPP client, RFC based, to communicate with the registries to buy or manage domain names. Integrated the client in the existing code as a library. Wrote the documentation.
Claranet Ltd., 600 employees, >100M euros, London
- 2008
(2 months) **Internship for the wine reseller Vins-Du-Sud. Developing of an e-commerce solution using PHP/MySQL**
Designed the relational schema of the database and provided the PHP classes to use it properly. Developed the administration part of the website. Demo available at <http://home.fridim.org/stage2008>
Vins-du-Sud, 4 employees, Marseille
- 2006
(1 month) **Internship as an LDAP administrator on a FreeBSD system**
Deployed a complete authentication system for the existing services (login, SSH, FTP, intranet) using openLDAP. In charge of writing documentation.
Volcanological Observatory of Piton de la Fournaise, 10 employees, (Reunion Island, Indian Ocean)

Projects at ESIL

- 2009 **Distributed programming project : a secure and decentralised Chat**
Java, Serialization, Broadcast, routing, RSA + AES + SHA
- 2008 **Object-oriented programming project : video game (shoot them up !)**
Using the Ogre 3D engine.
- 2007 **Algorithmic project : implementation of the DES encrypting method.**
based on the FIPS 46-3. Source code available at <http://dev.fridim.org>

Languages

English (Good level, TOEIC score : 910/990). Spent 8 months in english speaking countries (2 in London, 6 in Australia).
French (native language).

Technical skills

System administration

- Debian GNU/Linux
- FreeBSD

Development :

- **Object Oriented Programming**
- Languages C, C++, Java. Ruby, Perl, PHP, Shell.
- Modeling with UML.
- Unit tests.
- **Collaborative work** : Subversion (SVN), Git.
- Normalised language SQL for relational databases (MySQL, PostgreSQL, Oracle, ...)

Networks :

- basics : MPLS, WAN networks, QoS, VPN (IPSEC, SSL), routing

Other :

- HTML/CSS, XML, Javascript
- OpenOffice, L^AT_EX

Miscellanies

I am inquiring, creative and I strive to be organized. Have a great interest in the **opensource** community.

Interested in developing networking and distributed applications. My operating system is Debian and Ubuntu GNU/Linux. I love to develop in Ruby (and not only for web applications). I use git and Github to control my code and Vim is my favorite editor.

Clean driving licence.