

Security Engineer

Nationality : French
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Formation

- **Research Master's Degree in Computer Science** 2010
Major in Information and Computing Infrastructure Security
- **Studies at the "Grande École" Supélec** 2007 – 2010
Leading School in the fields of electronics, energy and communication
Major in Information Systems Security
- **Preparatory Classes** 2005 – 2007
Equivalent of two years of undergraduate studies
- **Baccalauréat STI (Science and Industry) in electronics** 2005 – 2007
Awarded with *Summa Cum Laude*

Languages

- **French** : Mother tongue
- **English** : level B2 (TOEIC 785+)
Several trips in english speaking countries
- **Spanish** : Basic
- **Chinese** : Beginner
Six weeks internship in Shanghai, China

IT Skills

- **Programming Languages** :
Proficient with C, C++, Java, Lua, bash
Familiar with Perl, Python, Ruby, SQL, VHDL, Assembly (*x86 & ARM*)
- **Softwares** :
Eclipse, Visual Studio, Matlab & SimuLink, Quartus, \LaTeX
- **Operating Systems** :
VxWorks, L4, Android and GNU/Linux (Ubuntu, Fedora and Arch Linux)
- **Networking** :
TCP/IP, multicast, VPN, professional equipment (HP, Cisco, 3Com)
- **Security** :
Cryptography, SSL/TLS, IPsec, PenTest, static analysis, IDS, security policies

Experiences

- **End-of-studies internship** at the French Minister of Defence *apr 2011 – sep 2011*
- **Member of the technical team** of FédéRez 2010
- **Two months internship** within Thales Communications *Summer 2010*
Validated a POSIX-compliant real-time scheduler within VxWorks
- **Two months internship** within EADS D&S *Summer 2009*
Added tampering counter-measures to a computer platform using a Trusted Platform Module
- **Member of the robotics club** of Supélec 2007 – 2009
Treasurer during years 2008 – 2009
- **Supélec Rézo steering comitee** 2007 – 2009
System Administrator in a campus-wide network
 - Deployed multicast stream of DVB-T over IP
 - Deployed a cross-campus VPN
- **Vice-President of Supélec's LUG** 2007 – 2009

Interests

- **Free Software** :
Contributions to several projects
- **Information Systems Security** :
Secure Operating Systems, μ -kernel, Trusted Computing
- **On-Board Systems** :
Real-Time Systems, Reconfigurable Architecture