



Pascal CLEMENT



*Qualified Engineer – Senior Security Consultant at IOActive.
Age 26, driving licences A1 and B.*

Education

- 2011–2012 **Master's degree, Cryptology & Computer Security**, *University of Bordeaux 1*,
Graduated <http://www.u-bordeaux1.fr/>, Double Degree.
Software Security, Network Security, Smart Card, Operating System, Cryptanalysis. With Distinction.
- 2009–2012 **Engineer's degree, Network & Telecommunications**, *ENSEIRB-MATMECA*,
Graduated <http://www.enseirb-matmeca.fr/>.
Telecommunications Engineering Degree. With Distinction.
- 2010 **Copenhagen University College of Engineering**, *Denmark*, <http://ihk.dk/>.
Summer school. 20 days of IT security courses.
- 2006–2009 **Classe Préparatoire aux Grandes Écoles**, *Lycée Thiers and Lycée Frédéric Mistral*.
- 2006 **High School Degree, Major in Science**.
Graduated With Distinction.

Experience

Job

- Nov. 2012 **Senior Security Consultant**, *IOActive*, London, <http://www.ioactive.co.uk/>.
- Penetration Test: Web and mobile applications (iOS and Android), network
 - Vulnerability Assessment
 - Code Review: iOS and Android applications
 - Database Security
 - Network/Infrastructure Audit
 - Security Research: Pwd Cracking, Wireless Security

Internships

- 2012 **Security Consultant**, *Thales Communications & Security*, Vélizy-Villacoublay
(5 months) <http://www.thalesgroup.com/>.
- R&D iOS and Android Security
 - Penetration Test (Web/Network/Apps)
 - Reverse
- 2011 **Technology Scouting**, *Oberthur Technologies' Card Systems*, Pessac (France),
(3 months) <http://www.oberthur.com/>.
- TrustZone (ARM) Research
 - Android KeyLogger

61e110abd6734655665f1637f733845e9d596e2b4514b0cd33320a5c2d88304a –
dHdpdHRlci5jb20vVGhpcmV1cw==

✉ pascal.clement11@gmail.com • <http://uk.linkedin.com/in/thireus/en>

Skills

Computing

| | | | |
|---------------------|--|---------|---|
| Tools | Wireshark, Nmap, Nessus, Burp Suite Pro, Metasploit, Aircrack-NG, Scapy, GDB. BackTrack. Matlab, Maple, Sage Math. | Network | TCP/IP, Ethernet, WiFi, 3G, IpTables, IPsec, SSL/TLS, Sniffing, Scanning, (D)DoS, MITM. |
| OOP | C++, Java, JavaCard. | Web | XHTML/CSS, PHP, Javascript, MySQL. |
| Imperative language | C, Pascal, Basic, Perl, Python. | Other | Good knowledge of systems architecture & network security. GNU/Linux OS Master. |

Achievements

- 2012 **ironhall**, <http://ironhall.thireus.com/>. iOS forensics ramdisk injector tool in C, using libusb. Compatible with MacOS, Linux, FreeBSD, Android. GUI Java Android.
- 2011 **1st Prize Thales**, *Contest ENSEIRB-MATMECA*, Telecommunication Section. Project manager and iOS developer. Development of a VoIP application with mobility management over 3G/WiFi for iPhone and Android OS.
- 2011 **Network and Web Security Lecture**, *ENSEIRB-MATMECA*. Three hours training at ENSEIRB-MATMECA, with 60 future engineer students to heighten awareness about network and Web security.
- Since 2011 **Blog**, <http://blog.thireus.com/>. IT security related articles.
- 2009–2011 **Blog**, <http://thireus.dareyourmind.net/>. Applications, hacks, drivers. Research and study notes.
- Since 2005 **DareYourMind.net**, <http://www.dareyourmind.net/>. Computer security training and gaming website with various security challenges.

Languages

| | | |
|---------|------------------------|--|
| French | Mother tongue | |
| English | Fluent | <i>Level B2 certificate. TOEIC (Score 820) + IELTS (Score 6.5)</i> |
| Spanish | Scholar level | |
| Chinese | Basic knowledge | |

Hobbies and Interests

Conferences

- 2012 **Hack in Paris**, Paris, Listener.
- 2012, 2013 **Hack In The Box**, Amsterdam, Listener.
- 2013 **Black Hat**, Las Vegas, Listener.
- 2013 **DEFCON**, Las Vegas, Listener.

I enjoy...

Keywords: Guitar, Phrack, Hacking Exposed, MISC, Hackintosh, Jailbreak, Password Cracking, Cryptocurrencies

61e110abd6734655665f1637f733845e9d596e2b4514b0cd33320a5c2d88304a – dHdpdHRlci5jb20vVGhpcmV1cw==

✉ pascal.clement11@gmail.com • <http://uk.linkedin.com/in/thireus/en>