

Arnaud Delmas

Cybersecurity engineer

14000 Caen, France
✉ arnaud.delmas@ecole.ensicaen.fr
23

Education

- 2012–2016 **Computer engineering studies, major in cybersecurity and e-banking**, *Engineering School of Caen (ENSICAEN), France.*
- 2015–2016 **Master's degree E-SECURE**, *University of Caen Basse-Normandie, France*, double diploma.
- 2010–2012 **Preparatory classes for entrance to the french Grandes Ecoles in Mathematics & Physics (two-year post high school diploma)**, *Joffre high school, Montpellier, France.*
- June 2010 **Scientific Baccalauréat with major in Mathematics**, *Clemenceau High school, Montpellier, France*, with honours.

Professional experience

Internships

- March–July 2016 **Study of Man-in-the-Browser malwares and countermeasures**, ORANGE LABS R&D, Caen, France.
Study and reverse engineering of banking malwares, drafting reports and implementation of countermeasures
- May–August 2015 **SHA-3 and midgame attacks**, NISLAB, Gjøvik, Norway.
Study of the Keccak hash function and its vulnerability to midgame attacks
- June–August 2014 **Web developer**, KALIOP, Montpellier, France.
Web development with eZ Publish CMS and web support for the company

ENSICAEN projects

- 2015-2016 **Study of 3D-Secure solutions** for the start-up OpSiSe, in pairs.
- 2014-2015 **Implementation in ANSI-C of the E0 cryptosystem**, in pairs.

Miscellaneous

- Since 2009 **Web development for various associations.**
 - Lesson sharing website and flashcard app for students of the University of Economics of Montpellier (UM1), France.
 - Website for the sustainable development association PAVE in Montpellier.

Skills

C, Python, ASM x86 and 64-bit, Java, C++

Security **Reverse engineering of malwares** (OllyDbg, WinDbg, IDA, unpacking), **Vulnerabilities** (Applications & Web)

Web **LAMP technologies, Javascript** (jQuery, Webinjects)

Languages

- French Mother tongue
- English Fluent (TOEIC C2 level)
- Spanish Read, written

Interests

- Cybersecurity **Overall interest.**
 - Good knowledge in reverse engineering, malwares, botnets, rootkits, Windows ring0...
 - Writing articles on these topics on my personal website¹
- Musics Played the guitar for 10 years
- Sport Swimming

¹<http://adelmas.com>, 'Security Blog' tab