

# David Elbaze

Internship 6 months

Embedded Systems' Security

## About me

22 y.o.

Mobility (Worldwide)

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## Education

Since 2011

**Ingénieur Spécialisé en Microélectronique, Informatique et Nouvelles technologies**

Ecole des Mines de Saint-Etienne

National Graduate Engineering School, Major: Embedded Systems (Code-sign, FPGA/VHDL, microcontrollers' architecture)

Orientation : Mobility & Security (Cryptography)

Option : Management (courses with EM Lyon and KEDGE)

September 2009

**Preparatory classes**

Lycée Albert Schweitzer, Le Raincy

Two-year undergraduate intensive course in mathematics and physics in order to prepare top national competitive exam entry to engineering school.

August 2011

2009

**Baccalauréat**

Lycée Albert Schweitzer, Le Raincy

Major in maths with honours.

## Activities

Archery  
Krav Maga  
Basketball  
ex-DJ

July 2013

**Incas ITSec (Start-up - Global Security)**

Industrial placement

*Non-disclosure agreement*

Implementation of ChibiRTOS on STM437-I Eval board.

March 2013

June 2013

**Incas ITSec (Start-up - Global Security), Gardanne**

Industrial placement

*Non-disclosure agreement*

Design of a proof of concept : Embedded secure communication system with IPSec, LWIP and FPGA.

April 2012

1 month

**I.T. Department - Vert Galant Hospital**

Industrial placement

Observation of how a big company works

Computer Maintenance

Improvement of network security

Installation of WiFi PoE antenna as part of the modernization of the hospital.

2007 - 2010

**Alorys SARL (Networking Services), Paris**

Acting

Administration of Linux servers (LAMP) and network, development of web-sites (PHP, MySQL, Javascript, xHTML/CSS)

Computer and network maintenance at cultural office of the Embassy of Koweit.

## Language Skills

French : Mother tongue  
English : TOEIC 850  
Spanish : basics  
Chinese : smattering

## Interests

Hardware and Software  
Security, Embedded  
Systems, Aerospace,  
VHDL, FPGA, New  
Technologies, IT,  
Challenging, Team Working  
and Management,  
Programming (C/C++,  
Web, Python, ...)

## Personal Experiences

Since 2011

**Class representative**

Ecole des Mines

Intermediary between head of school and students.

October 2012

**Secretary**

Forum Entreprises ISMIN

October 2013

Global management of the organization (20 people), make of written contract, customer relationship management

Janvier 2013

Mai 2013

**Head of communication department**

Bureau Régional des Elèves Ingénieurs

Management of all the communication department : management of 10 people, communication

Mars 2012

Mars 2013

**Head of event department and Maison des Elèves**

Students' Union

Teamwork, budget management.