

David Elbaze

Internship 6 months

Embedded Systems' Security

About me

22 y.o.

Mobility (Worldwide)

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France

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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 Koweït.

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.