Thibault MILLANT

Experience

February 2016 - Today
Fulltime Internship Pentester/Penetration Testing, *AVISTO*, Sophia-Antipolis.
- Building a penetration testing environment with Kalilinux and Hackazon,
- Generate logs about attacks "low & slow",
- *Hack* Hackazon and apply or recommend some `improvements`,
- Attack and consolidate a calculations cluster.

May 2015 - August 2015
Fulltime Internship Data Analyst & Software Developer, *Amadeus Boston*, USA.
- R&D Internship in AIR (Availability) and SSP (Searching, Shopping and Pricing) division
- Data Analyst : Huge volumes of data analyzed to find a way to `increase the company's solution efficiency`
- Software Engineer : Creation of statistic tools to *automate analysis*
- Bugs and errors reporting

Oct 2014 - April 2015
Personal Project : Assistant to Chief Information Security Officer, *French National Assembly*.
- Safety study of the National Assembly's IT infrastructure
- Comparative studies of the ANSSI's (National Agency of Information System Security) Computer Secure Practice Guide, the PSSIE (State Information System Security policy), and my personal study of the National Assembly's IT infrastructure to increase its security and safety with the use of grading system to prioritize tasks and make a risk evaluation
- Safety study of the National Assembly's IT infrastructure to *obtain an authorization* to access to a diplomatic platform under `"Restricted Access"`
- Creation of newsletters about `secure/safe practices` for Deputies and employees
- Creation of complete guides about how to *secure your mobile phone* (Android and IOS)
- Disk Image creation and configuration of setups on old computers given to other assemblies
- Creation of a `secure erasing procedure` for storage devices

June 2014 - August 2014
Fulltime Internship : Web & IOS Developer, *SCM Centre d'Imagerie Médicale Belvédère*.
- Creation of proposal of specifications to meet the company's needs in order to obtain the internship
- Staff training to teach adaptation and use an existing tool (Outlook Calendar) to manage personell and resource shared planning
- *Creation of a Website* to manage Doctors' schedules
- `Self-hosting` of services on a Raspberry Pi, with its `integration` in the company IT infrastructure
- *Creation of an IOS app* to allow doctors to consult their schedule with different views (by location, by doctor, or full schedule)
- *Staff training* about the use of the website and the IOS application
- `Server maintenance and intervention`

June 2013 - July 2013
Fulltime Internship : Penetration Testing & Security, *Schneider-Electric Carros*.
- Internship on `PLC security/safety`
- *Secure audit* process setting up
- Explore potential `vulnerabilities` on PLC and `exploit` it
- Script implementation to *automate security testing*
- *Technical report* writing about vulnerabilities and exploits found in English and French

Sept. 2012 - May 2013
Microsoft Ambassador, *Microsoft France*.
- `Microsoft representative` on my school campus
- *Demonstration and training* on the newest Microsoft products (Windows 8, Windows Phone 8)

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Education

2015 - Current	**Computer Science & Computer Information System**, *Computer & Network Security*, Engineering School, Los Angeles. ***California State University, Los Angeles***
2012 - Current	**Information Systems Department**, *Personal Project in Cyber Security*, Engineering School, Paris. ***ECE Paris***
Sept 2013 - Dec 2013	**Exchange Semester in Computer Science**, *Montreal*, Canada. ***Concordia University***
1995-2010	**Italian European Baccalaureate, with distinction**, *Cannes*, France. ***Institut Stanislas***

Languages

- **French** : *Native language*
- **English** : *Fluent*
- **Italian** : *Intermediary*

Others

Certifications

- Usable Security
- Hardware Security
- Software Security

IT Skills

Programmation

- Software: *C/C++, Python, Java, GTK, Allegro*
- Web : *HTML5, CSS3, PHP5, JS, Bootstrap*
- Database : *MySQL, Microsoft Access*
- Others : *Bash, LATEX, UML, MVC*

Operating System

Debian and its derivatives (Ubuntu, KaliLinux, etc...), Archlinux, Windows (95 - 10), OSX

Volunteering

April 2014 - April 2015	**Student Treasurer and System Administrator**, *iTeam*. Association for the promotion of Open-Source software and computer security. - **Budget management** - **Event organization** : *Conference* (Google Developer Group France, etc.), *Training* (Virtualization, Servers, Raspberry Pi, Computer Security, LaTeX, Git, etc.), promotional breakfast, show open-source news, etc.) - FOSDEM travel (Free event for software developers to meet, share ideas and collaborate.) - Server monitoring with their services
Sept. 2012 - April 2014	**Student Vice-President Microsoft Division**, *Équipe Système*. ECE Paris Computer Association - **Management position** - Head of Microsoft division (**Event organization** in liaise with my status of Microsoft Ambassador) - Student assistance, together with the school's system administrator, to manage issues and help students

Interests

Computing, *Linux (Association of promotion of Open-Source software and the IT security : iTeam), Network, Server, Security, Cryptography, Security-oriented challenges (Position : 1470 / 39413).*

New Technologies, *Raspberry Pi, Information Systems, VPN.*