

# Thibault MILLANT

09/02/1992 - Student in Engineering School

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## Experience

May 2015 - **Internship Data Analyst & Software Developer**, *Amadeus Boston, USA.*

- August 2015
- R&D Internship in AIR (Availability) and SSP (Searching, Shopping and Pricing) division,
  - Data Analyst : Huge volume 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.

January **Assistant Teacher in computer tutorials**, *ECE Paris.*

- 2014 - Today
- Teacher assistant during Labs and Tutorials,
  - Answer students questions,
  - Help students when they are stuck with their computer code,
  - Give advice regarding good programming practices to students about code and algorithm,
  - Exams correction.

July 2011 - **Computer tutoring**, *Freelance.*

- Today
- Private computing instructor for all levels and on all operating systems : teaching, installations, rescues...
  - Teaching computing basis,
  - Personal assistance for customers' projects (video editing, etc),
  - Advice and assistance for new IT Hardware purchases.

Oct 2014 - **Internship/Personal Project in Security**, *National Assembly.*

- April 2015
- Safety study of the National Assembly's IT infrastructure,
  - Comparative studies with the ANSSI's (National Agency of Information System Security) Computer Secure Practice Guide, the PSSIE (State Information System Security policy), and my own study of the National Assembly's IT infrastructure to increase its security and safety. Use of grading system to prioritize tasks and make a Risk evaluation,
  - Safety study of the National Assembly's IT infrastructure to get an authorization to access to a diplomatic platform under "Restricted Access",
  - Creation of newsletters about secure / safe practices for Deputies and workers,
  - Creation of full guides about how to secure your mobile phone (Android and IOS),
  - Disk Image creation and configuration of setups on old computer given to other assemblies,
  - Creation of a Secure Erasing Proceeding for storage device.

- June 2014 - **Internship Web & IOS Developer**, *SCM Centre d'Imagerie Médicale Belvédère*.
- August 2014
- State of requirements redaction to meet the company's needs and get the internship,
  - Staff training to teach them how to adapt and use an existing tool (Outlook Calendar) to manage a 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 app,
  - Server maintenance and intervention.
- June 2013 - **Internship Hacking & Security**, *Schneider-Electric Carros*.
- July 2013
- 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.
- April 2014 - **Treasurer and System Administrator**, *iTeam*.
- April 2015
- Association for the promotion of Open-Source software and computer security.
- Budget management,
  - Event organization : Conference (GDG France, ...), Training (Virtualization, Servers, Raspberry Pi, Computer Security, LaTeX, Git, ...), promotional breakfast 5Meet people, show open-source news, etc...), etc,
  - FOSDEM travel,
  - Server monitoring with their services.
- Sept. 2012 - **Vice-President Microsoft**, *Équipe Système*.
- Today
- ECE Paris Computer Association
- Management position,
  - Head of Microsoft division (Event organization in liaison with my status of Microsoft Ambassador),
  - Student assistance, together with the school's sysadmin, to manage issues and help students.
- Sept. 2012 - **Microsoft Ambassador**, *Microsoft France*.
- May 2013
- Microsoft representative on my school campus,
  - Demo and training on the newest Microsoft products (Windows 8, Windows Phone 8).
- Nov. 2011 - **Administrator**, *Freedom-IP*.
- Today
- Administrator of a VPN community and its forum,
  - Managing the forum,
  - Assistance and maintenance of the forum.
- Oct. 2013 - **Administrator**, *Journal du Pirate*.
- Dec 2014
- Managing the forum,
  - Assistance and maintenance of the forum.
- Nov. 2011 - **Moderator**, *Journal du Pirate*.
- Oct. 2013
- Moderator the forum,
  - Assistance and maintenance of the forum.

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## IT Skills

### Programming

Web	HTML5, CSS3, PHP5, JS, Twitter bootstrap, CakePHP
Software	C, C++, Java, Python
Graphics Libraries	GTK, Allegro
Database	Microsoft Access, MySQL
Others	Bash, L <sup>A</sup> T <sub>E</sub> X, UML, MVC
Electronics	VHDL

### Operating System

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

### Softwares

Virtualization	VirtualBox, VMWare
Office	LibreOffice, Microsoft Office 2003, 2007, 2010, 2013, 365
Automation	
IDE	Codeblocks, Eclipse, NetBeans, PHPStorm
Remote Access	SSH, VNC, Teamviewer
Electronics	PSpice/Schematics, Xilinx
Mathematics	MatLab

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## Education

2015-Today	<b>Engineering School</b> , <i>Computer Science &amp; Computer Information System</i> , Los Angeles. <i>California State University Los Angeles</i>
2012-Today	<b>Engineering School</b> , <i>Information Systems Department</i> , Personal Project, Paris. <i>ECE Paris</i>
Sept 2013 - Dec 2013	<b>Exchange Semester in Computer Science</b> , <i>Montreal</i> , Canada. <i>Concordia University</i>
2010-2011	<b>Medical School</b> , <i>Nice</i> , France. <i>University of Nice-Sophia Antipolis</i>
1995-2010	<b>Italian European Baccalaureate, with distinction</b> , <i>Cannes</i> , France. <i>Institut Stanislas</i>

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## Languages

**French**, *Mother tongue*.

**English**, *Fluent*, TOEIC : 805, IELTS : 7.5/9.

**Italian**, *Intermediary*.

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## Interests

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

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

**Sports**, *Snowboard/Ski* (Competition), *Wakeboard*, *Surf*, *Tennis*, *Krav Maga*, *Muay Thai*, *Volley-ball*.

**Music**, *Piano* and *Guitar* for 8 ans.