

Thibault MARTIN-LAGARDETTE

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Professional Experience

- **macOS Software Engineer at [CrowdStrike](#), London, United Kingdom** **Since October 2016**
Working on the macOS version of CrowdStrike Falcon Host and more specifically the sensor, a driver/kernel extension installed on client machines that observes system activity and recognizes malicious behavior, then provides on-box prevention capability and remote telemetry to the Falcon Host cloud.

As part of the macOS team, I work on both kernel- and user-space components, writing code that is either platform-specific (macOS), or shared between all platforms (Linux, macOS and Windows).
- **Senior macOS Systems Engineer at [Bromium](#), Cambridge, United Kingdom** **From March 2015 to September 2016**
 - Worked on many aspects of vSentry for macOS, from core components to UI, using deep knowledge of macOS internals
 - Developed highly concurrent multi-process, multi-threaded applications
 - Implemented macOS system level security modules at the kernel and higher levels
- **macOS developer at [Skype](#), London, United Kingdom** **From March 2012 to March 2015**
 - Built the UI of Skype for macOS (leading new features, fixing bugs, community presence, etc.)
 - Built internal tools to improve the different evolving internal processes
 - Delivered Objective-C/Foundation courses to Senior C# developers
- **iOS developer at [Backelite](#), Paris, France** **From October 2010 to March 2012**
 - Worked on several iOS projects (Voyages-SNCF [iPad], Eurostar [iPhone], Dailymotion [iPhone/iPad], etc.)
 - Worked on one Bada project sponsored by Samsung (La Chaîne Météo, #1 french weather channel)
 - Created different internal macOS tools
- **MacRuby developer at [Apple Inc.](#), Cupertino, USA** **December 2009 to September 2010**
 - Implemented different new MacRuby runtime features using LLVM, C++, C and the Objective-C runtime
 - Worked on integrating MacRuby closely within macOS
 - Bug fixes using Trac (public) and other internal bug tracking tools
- **IIQ DRI at [Apple Inc.](#), Cupertino, USA** **December 2008 to December 2009**
 - Wrote tools and scripts (Obj-C, Perl) to significantly improve the time the team spent on different repetitive processes.
 - Management of localizations for different projects, including planning and follow-ups
 - Bug management, rapid-response projects
- **Pro Market System Engineer at [Apple Europe](#), Paris, France** **March to November 2008**
 - General technical research to adapt Apple's server solutions (macOS Server) to fit clients needs
 - Maintenance and evolution of an external component for the Podcast Producer solution (Rails)
 - Creation of a computer booking system using Macs and iCal (now Calendar) for a library (Python, CalDAV, macOS app)
- **Teaching assistant at [Epitech](#) and [ETNA](#), France** **Years 2007 and 2008**
 - Delivered a 28-days initiation lesson to shell, PHP, and C for ETNA 1st year students (100 students)
 - Teaching assistant for Epitech 1st and 2nd year students (more than 300 students)
- **Web developer internship at [Nexway.fr](#) (e-Software operator), Nanterre, France** **July to December 2006**

Studies

- **October 2010**
Graduated with a Master in C.S. from [Epitech](#) (European Institute of Technology)
- **2005**
French equivalent to high school degree

Skills

- **Programming**
 - **Objective-C, Swift**, Obj-C runtime
 - **C, C++**, LLVM
 - **Python, Rust**, Ruby, Perl, shell scripting
- **Volunteering**
 - Active **Ambulance Crew** at [St John Ambulance](#), providing first aid at events such as New Year's Eve, Chinese New Year, London Marathon, Hyde Park concerts, etc.
- **Languages**
 - **French**: Native language
 - **English**: Spoken and written fluently
- **Personal skills**
 - Teamwork, high motivation, dedication, adaptability, dialog, autonomy, looking for challenges