

Thibault MARTIN-LAGARDETTE

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Professional Experience**iOS Lead Software Engineer at [CrowdStrike](#), London, United Kingdom** **Since May 2018**

Working on the iOS version of CrowdStrike Falcon's EDR platform, I have led the engineering side of the iOS project from the research phase, to its development and finally its public release

A very strong focus on quality ensured the product is robust, well tested, thoroughly documented, as well as future proof. My knowledge of iOS, its tools, and its internal workings were key to bringing such a product to fruition

macOS Software Engineer at [CrowdStrike](#), London, United Kingdom **Since October 2016**

Worked 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 worked 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
Developped 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, from new features to internal performance improvements
Ensured community outreach was in place, by being regularly available in Skype forums
Delivered 1-week Objective-C courses to Senior Developers converting to iOS/macOS development

iOS Developer at [Backelite](#), Paris, France **From October 2010 to March 2012**

Delivered several iOS projects for high-profile French companies (eg. Voyages-SNCF, Eurostar, Dailymotion)
Took on several challenges (such as working on lesser-known mobile platforms) to meet customers' demands

MacRuby developer at [Apple Inc.](#), Cupertino, USA **December 2009 to September 2010**

Implemented different new MacRuby runtime features, and helped integrating MacRuby closely within macOS
Developer community outreach & support, via forums and mailing-list

Localization Tools Engineer at [Apple Inc.](#), Cupertino, USA **December 2008 to December 2009**

Wrote tools that significantly reduced the time spent on a wide range of repetitive localization processes
Managed the localization of different products, including planning and follow-ups

Pro Market System Engineer at [Apple Europe](#), Paris, France **March to November 2008**

Technical R&D & tailored development aiming to help Apple customers adop macOS Server

Teaching assistant at [Epitech](#) and [ETNA](#), France **Years 2007 and 2008**

Introduced ~100 1st-year students to programming, and assessed work from 1st and 2nd year students

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**

Swift, Objective-C, Obj-C runtime
C, C++, LLVM
Python, Rust, Ruby, Perl, shell scripting

Volunteering

Emergency Responder for the [London Ambulance Service](#), responding on blue lights alongside ambulances to 999 calls, providing life-saving emergency treatment to critically ill members of the public.

Advanced First Aider with [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