

Quentin McGaw

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Personal websites at <https://goo.gl/wo14Ye> and vizualize.me

French nationality

PROFESSIONAL EXPERIENCE

- 2015 **Internship at Bitcoin startup Coinplus**, *Luxembourg, 6 months duration*
Expertise: Bitcoin protocol, Blockchain, cryptography, security and Python ([details](#))
- 2014 **Summer Internship at STMicroelectronics**, *Sophia Antipolis, France, 3 months duration*
Expertise: Android OS (C, C++, Java), mobile app development, NFC ([details](#))

EDUCATION

- 2016 - present **Master's in Computer Science, New York University** ([courses](#))
- 2012 - 2016 **Master's in Electrical and Electronic Engineering with Management** ([courses](#)), Imperial College London, UK *obtained in August 2016*
- 2007 - 2012 **French Baccalaureate specialized in Mathematics and arithmetics** ([courses](#)), *obtained in June 2012 with 88% overall*, Lycée Michelet, Nice, France
- 2006 - 2007 College Alpin International Beau Soleil (boarding school), Switzerland
- 1998 - 2006 Lycée Vauban, Luxembourg

COMPETENCIES AND SKILLS

Software

- Programming Python 2.7, C++ (and TBB, openCL), Java, Android, Matlab, C, ARM7, Verilog
- Web development Django, Flask, PHP, HTML/CSS, Javascript, PhoneGap, Redis, SQL, non-SQL
- DevOps [Github](#), [Travis CI](#), [coveralls](#), Zenhub, Docker, Vagrant, Jenkins, Bluemix, GitKraken
- Operating Systems Ubuntu, Windows, Raspbian, Debian, Kali, not that used to Mac OSX
- Programs and others Bitcoin, Lclipse, Eclipse, Microsoft Office and Visio, Unreal engine 4, Quartus, [HElib](#)

Engineering and IT knowledge

- Computer security Network security and tools, Bitcoin protocol, homomorphic encryption
- Computer performance High performance computing (TBB, openCL, GPUs), algorithms & data structures
- Data analysis Mobile healthcare and machine learning, signal processing, AI
- Computer architecture Database systems, operating systems, computer architecture

Business, managerial and other knowledge

- Economics Corporate Finance, Managerial Economics
- Management Innovation management, Project management, Accounting
- French Baccalaureate Mathematics, Physics, Chemistry, Biology, Geology, Philosophy, Latin, History, Geography
- Languages English, French, Spanish

PROJECTS AND EXPERIENCE (see more at <https://goo.gl/2krX7z>)

- 2016-2017 [DevOps](#) Portfolio team project
[Online mobile Chess game](#) team project
[Computing course](#) designed for beginners
[ThumbGifs](#) and a portfolio management personal project
- 2015-2016 [hbc](#) - Homomorphic Binary circuits
[Stamina](#) - a mobile coffee drinking monitoring system.
- 2014-2015 [SportsConnect](#) - establishing a business plan for a sports facilities booking management mobile system
- 2013-2014 [Wasteless](#) - designing a mobile food monitoring and sharing system in order to reduce waste
- 2012-2013 [EEBug](#) - a black-marker-line-following toy robot for \$7.00

OTHER INTERESTS

- 2010 [Summer job](#) as a waiter and cleaner at Venlaw Castle Hotel, Scotland
- 2006 [Climbing](#) of Mount Kilimanjaro
- [Writing on Quora](#), [Github](#), [Raspberry Pi](#), [building desktops](#), skiing, gym, cycling, trading on [ebay](#)