Quentin McGaw

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Personal websites at https://goo.gl/wo14Ye and vizualize.me
French nationality , born 12 march 1995 in Luxembourg

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

WORK 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*)

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, DuckDNS
DevOps	Github, Travis CI, coveralls, Zenhub, Docker, Vagrant, Jenkins,Bluemix,GitKraken
Operating Systems	Ubuntu, Windows, Raspbian, Debian, Kali, Mac OSX
Programs and others	Bitcoin, Liclipse/Eclipse, Microsoft Office & Visio, Latex, 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 and others	English, French, Spanish, UK driving license

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 to generate Gif thumbnails from a video (Python)
	Portfolio management personal project
2015-2016	hbc - Homomorphic Binary circuits (C++, Master's thesis)
	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, Bitcoin, building desktops, skiing, gym, cycling, trading on ebay