

**Quentin McGaw** (personal website at <https://goo.gl/wo14Ye>)

2 February 2017

101 West 15th street Apartment 430, New York, NY 10011, United States of America

+1-917-941-7158, [quentin.mcgaw@gmail.com](mailto:quentin.mcgaw@gmail.com), [LinkedIn](#)

French and mauritian nationalities

Born 12 March 1995

## PROFESSIONAL EXPERIENCE

**Internship at Coinplus**, April 2015 to September 2015, in *Luxembourg* ([details](#)).

Topics: Bitcoin protocol, cryptography and security and Python programming

**Internship at STMicroelectronics**, July 2014 to September 2014, in *Sophia Antipolis, France* ([details](#)).

Topics: Android OS (C, C++, Java), Android mobile app development, Near field communication technology.

## EDUCATION

**New York University, United States of America**

2016 - May 2018 **MSc in Computer Science** ([courses](#) & [grades](#))

**Imperial College London, United Kingdom**

2012 - June 2016 **MEng in Electrical and electronic engineering with management** ([courses](#) & [grades](#))

**French Baccalaureate specialized in Mathematics and arithmetic** ([courses](#) & [grades](#))

2007 - June 2012 Lycée Michelet, Nice, France

2006 - June 2007 College Alpin International Beau Soleil (boarding school), Switzerland

1998 - June 2006 Lycée Vauban, Luxembourg

## COMPETENCIES AND SKILLS

### Software

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

### Engineering and computer knowledge

Computer security	Network security and tools (Kali), Bitcoin protocol, homomorphic encryption ( <a href="#">project</a> )
Computer performance	High performance computing (TBB, openCL, GPUs), Fundamental algorithms, data structures
Data analysis	Mobile healthcare and machine learning ( <a href="#">project</a> ), Digital signal processing course, Advanced signal processing course, Artificial Intelligence course, Mathematics courses
Computer architecture	Operating systems course, computer architecture course, database systems course
Communication	Communication networks course, Real-time digital signal processing course...
Electronics	Digital electronics courses, Semiconductor devices courses, Analogue devices course
Electrical systems	Power engineering course, Control engineering course, Mathematics courses

### Business, managerial and other knowledge

Economics	Corporate Finance course ( <a href="#">syllabus</a> ), Managerial economics course ( <a href="#">syllabus</a> )
Management	Innovation management course, Project management course, Accounting course, Entrepreneurship course ( <a href="#">business plan</a> on <i>SportsConnect</i> )
French Baccalaureate	Mathematics, Physics, Chemistry, Biology, Geology, Philosophy, Latin, History, Geography, Sports, French, English, Spanish
Languages	<b>English, French</b>

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

2016-2017 **DevOps** Portfolio team [project](#), online mobile **Chess game** team [project](#), a **computing course** written for beginners, [ThumbGifs](#) and a **portfolio management** personal [project](#).

2015-2016 **Homomorphic Binary circuits** [hbc](#) ([Master's thesis](#)), **Stamina** - a mobile coffee drinking monitoring system. Group projects in Corporate finance, Managerial economics and Managing innovation courses

2014 Group projects in Entrepreneurship and Project management courses

2013-2014 **Wasteless**, a food monitoring and sharing system

2012-2013 **EEBug**, a line-following robot for GBP 5.00

2007-2010 [Summer job](#) in a hotel in Scotland at 16 years old, [climbing](#) of the Kilimanjaro at 12 years old

## HOBBIES

[Quora](#), [Github](#), [Raspberry Pi](#), [building desktops](#), skiing, gym, cycling, [ebay](#), reddit, 9gag.