

Quentin McGaw (personal website at <https://goo.gl/wo14Ye> and vizualize.me)
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French and mauritian nationalities
Born 12 March 1995

2 February 2017

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

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| 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 | Github , Travis CI , coveralls , 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, HElib , Verilog |

Engineering and computer knowledge

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|-----------------------|--|
| Computer security | Network security and tools (Kali), Bitcoin protocol, homomorphic encryption (project) |
| Computer performance | High performance computing (TBB, openCL, GPUs), Fundamental algorithms, data structures |
| Data analysis | Mobile healthcare and machine learning (project), 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

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

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.