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French and Mauritian
 Single
 Born 12 March 1995
 12 January 2017



Contact vCard

EDUCATION

Master of Science at New York University

2016-2018 Computer Science Postgraduate Master's degree, *will be obtained in May 2018.*

Master of Engineering at Imperial College London (master II in 4 years)

2012-2016 Electrical and Electronic Engineering with Management, *obtained in August 2016, with a 2.1 classification.*

Scientific French Baccalaureate (specialized in Mathematics and arithmetic)

Obtained in June 2012, with 88% overall, 95% in mathematics and physics.

2007-2012 Lycée Privé Michelet – Nice, France.

2006-2007 Collège Alpin International Beau Soleil (boarding school) – Villars-sur-Ollons, Switzerland.

1997-2006 EMPF and Lycée Vauban – Luxembourg City, Luxembourg.

PROFESSIONAL EXPERIENCE

Internship at COINPLUS S.A., April 2015 to September 2015, in Luxembourg.

Subject: Bitcoin protocol, blockchain, cryptography and security, Python programming.

Internship at STMicroelectronics, July 2014 to September 2014, at Sophia Antipolis, France.

Subject: NFC technology, Android system source code (C, C++, Java), NFC controller integration.

COMPETENCIES AND SKILLS

Software skills

High Level languages	Python 2.7 and 3.4, C++ (and TBB, OpenCL), Java, Android, Matlab
Devops	Docker, IBM Bluemix, AWS, Vagrant, Github , Travis CI, Jenkins, Zenhub
Web development	Redis, Javascript, Typescript, MySQL, PHP, Angular 2, HTML, CSS, Flask
Low Level languages	C, ARM7 (Keil uVision 5), MPLabs assembler
Hardware Description	Altera Quartus 12 (Verilog) for FPGAs, Cadsoft EAGLE, PSPice
Others	Bitcoin protocol , Windows/Unix/Mac, Microsoft Office, Unreal Engine 4, HElib , Makefiles

Engineering knowledge

Computer security	Network and web security, Coding theory, Cryptography,
Computer performance	High performance computing, Algorithms and complexity, Computer architecture,
Other computer skills	Artificial Intelligence, Data structures, Operating systems
Data analysis	Mobile healthcare and machine learning (project based, <i>Stamina</i>), Digital signal processing, Advanced signal processing
Communication	Real-time digital signal processing, Communication networks and systems, Signals and linear systems,
Electronics	Digital electronics, Semiconductor devices, Analogue devices.
Electrical systems	Power engineering, Control engineering, Mathematics.

Management knowledge and other

2015-2016	Corporate finance, Economics, Managing innovation.
2014-2015	Project Management, Entrepreneurship, Accounting.
2007-2012	Biology, Latin, Philosophy, History, Geography, French literature.

PROJECTS AND EXPERIENCE

2015-2016	Year project on Homomorphic encryption applications , called " hbc " (GITHUB) Group project on a mobile coffee drinking monitoring system " Stamina " (Android, SQL, machine learning) Interest in Bitcoin automated trading using Python. Group projects in Corporate Finance, Economics and Managing innovation.
2014	Interest in cryptocurrencies , Blockchain technology . Interest in custom operating systems for Android devices (CyanogenMod coding). Group projects in Entrepreneurship and Project management.
2013-2014	Year group project on a food monitoring and sharing system "Wasteless" (C++, Android, NFC/RFID, Web...)
2012-2013	Year group project on the design and building of a small robot "EEBug" (using PSPice).
2010	Summer job in a hotel in Scotland , as a waiter and groom.
2007	Ascent of the Kilimanjaro Mountain in Tanzania , at the age of 12.

Fluent in English, French, and not fluent in Spanish, Latin.

Hobbies

[Quora](#), FX trading, Raspberry Pi, [building desktops](#), gym, skiing, cycling, [ebay](#), online gaming, reddit.