

Antoine Viscardi

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EDUCATION

University of Toronto

Master of Science in Applied Computing
Since 2018

Machine learning (main field of study), blockchain, bioinformatics, computational social science.

Royal Military College of Canada (RMCC)

Bachelor of Computer Engineering
2015-2018

Thesis: Designing and development of a web based application to facilitate the evaluation process of the graduate attributes as required by the Engineers Canada Accreditation Board.

Royal Military College of Saint-Jean (RMCSJ)

Diploma of College Studies in Natural Science
2013-2015

Thesis: polymerization and characterization of a functional conductive polymer. Won the first prize.

LEADERSHIP ROLES

Deputy Cadet Division Leader

2017

Responsible for managing and leading a division of 289 persons at RMCC over the course of one semester, reporting directly to the Division Leader.

Officer Qualifications

2014, 2016

Successfully completed my Basic Military Officer Qualification which requires one to show strong leadership and problem solving capabilities in a high pressure environment.

Successfully completed my Naval Environmental Training Program at the Naval Officer Training Centre in Victoria.

Deputy Cadet Squadron Leader

2015

Responsible for managing and leading a squadron of ~70 persons at RMCSJ over the course of a semester, reporting directly to the Squadron Leader.

WORK EXPERIENCE

Junior Software Dev | Crypto4A Technologies

Ottawa, Canada – Summer 2018

Worked on various projects. Notably, worked on the development of an Entropy as a Service (EaaS) protocol designed to be used by devices with heavy resource restrictions, such as Internet of Things (IoT) devices.

Intern | National Defence Headquarters

Ottawa, Canada – Summer 2015, 2017

Worked on the automation of administrative processes within the division and the modelling of the fleet schedule within the SAP system.

Managed the renewal and the migration of the division's Intranet to the new Canadian standard. Assured the liaison between representatives of the different directorates of the division, Public Work Canada and Service Canada.

SKILLS & INTERESTS

Languages

Bilingual, fluent in both English and French

Programming

Proficient in Python, Java, C, Matlab, R.

Used SQL, JavaScript, VHDL, Assembly, and Bash.

Sports

Volley-Ball (High school varsity); Sailing (University competitive club); Fencing (College varsity), Climbing (University club).

Personal

Reading, cooking, photography, cinema, travel, social dance, guitar, chess.

OBJECTIVES

Further developing my leadership and technical skills to become an effective problem solver.

Tackling environmental and sustainability challenges.

Acquiring the necessary knowledge and skills to allow me to drive significant positive change in our society.