

William R. Bergamin

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SUMMARY OF SKILLS AND QUALIFICATIONS

Languages | French | Spoken & Written • English | Spoken & Written

Operating Systems | OSX • Windows • Linux (Ubuntu 16, 18)

Applications | Adobe Photoshop • Adobe Illustrator • Microsoft Office

Programming | Java • Python • C++ • Tensorflow • Keras • VHDL

Other | Android Studio • Visual Studio • Kubernetes • Docker • GitHub • Arduino • Maven

EDUCATION

Bachelor of Engineering – Computer Engineering Co-op

2020 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Relevant courses: Programing Methodology I & II, Data Structures & Algorithm

DEC in Pure & Applied Science

2016

Dawson College, Montréal, QC

PROJECTS

McGill RoboHacks

2018

- The Project won 1st place overall
- Built shirt-folding robot with AI personality
- Used Arduino and AI technologies

Concordia BlockHacks

2018

- The Project won 2nd place overall
- Created 2 Android applications that could communicate with each other
- Used JAVA, RAML, Android Studio & Firebase to create the applications

McGill RoboHacks

2017

- The Project won “Best Electrical Robot”
- Built ShotBot robot, capable of detecting and filling up to 6 glasses with liquid, in 24hr time frame
- Used Arduino and Java to control the robot from a smartphone

ConUhack II

2017

- Used Arduino and C++ to create, a small videogame console power by a small microcontroller controlled through a prototyped gamepad and broadcasted onto a matrix of LED
- Project “BreadBox” was created and presented in front of judges

WORK EXPERIENCE

Machine Learning Intern

2019

Beast Group, YMCA, Westmount, QC

- Responsible for the development of deep learning networks
- Built neural networks in tensorflow and keras
- Learned the inner workings of neural networks and how to properly train one

Software Developer

2017-2018

TD Insurance, Villery-Saint-Michel-Parc Extension, Qc

- Responsible for the development of JAVA APIs
- Updated out-dated back-end services
- Learned and understood the front to back-end components of TD Insurance services

Member Service Representative

2016 - 2017

YMCA, Westmount, QC

- Responsible for membership advising and sales
- Listen and respond to client concerns and demands to improve customer experience
- Ensure client safety and quick decision making in case of emergencies

Core competencies: Strong social skills, interaction with clients, teamwork, customer satisfaction

Salesman

2015

Best Buy, Lasalle, QC

- Responsible for sales in the Computer & Tablet Department
- Acquired knowledge of different components for Electronic devices
- Recognized as second best salesman of during a 2 month period

PROFESSIONAL ASSOCIATIONS

Vice President of Social Affaires for the Engineering & Computer Science Association

2018 – Now

Concordia University Hall 838, Montréal, QC

- Organize and coordinate all social events for students in the faculty of engineering and computer science at Concordia University
- Serving and representing almost 6000 students
- Managing the budget for all social events organised by the association
- Negotiating all contracts pertaining to social events and activities

Director of Social Affaires for the Engineering & Computer Science Association

2017 - 2018

Concordia University Hall 838, Montréal, QC

- Assist the Vice President of Social Affairs
- Organize and coordinate social events in the goal of getting students involved at Concordia

Engineering Games Concordia Delegation

2017 – 2018

Concordia University, Montréal, QC

- Association that coordinates building of drones that will then compete against other Universities
- Participated in the building of software (C++) to control and operate the machine

Software leader & Member of the Software Division

2016 – 2017

UAV Concordia, Montréal, QC