

William R. Bergamin

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SUMMARY OF SKILLS AND QUALIFICATIONS

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

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

Other | Kubernetes • Docker • Git

EDUCATION

Bachelor of Engineering – Computer Engineering Co-op

2020 (Expected)

Concordia University, Montreal, QC

- Member of the Institute for Co-operative Education
- Relevant courses: Data Structures & Algorithms, Operating Systems, Cloud Computing

DEC in Pure & Applied Science

2016

Dawson College, Montréal, QC

WORK EXPERIENCE

Machine Learning Intern

2019 – Now

Beast Group, 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, Villeray-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

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 powered by a small microcontroller controlled through a prototyped gamepad and broadcasted onto an LED matrix
- Project “BreadBox” was created and presented in front of judges

PROFESSIONAL ASSOCIATIONS

Vice President of External Affairs for the Engineering & Computer Science Association

2019 – Now

Concordia University Hall 838, Montréal, QC

- Represent Concordia Engineering & Computer Science students on at National and Provincial levels
- Serving and representing almost 6000 students
- Responsible for all external networking for the association

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

2018 – 2019

Concordia University Hall 838, Montréal, QC

- Organization and coordination of 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 Affairs for the Engineering & Computer Science Association

2017 - 2018

Concordia University Hall 838, Montréal, QC

- Assisting the Vice President of Social Affairs
- Organizing and coordinating social events with the goal of getting students involved at Concordia

Engineering Games Concordia Delegation

2017 – 2019

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