ETHAN ITOVITCH

EDUCATION

McGill University – Faculty of Engineering
Bachelor of Engineering, Major in Software Engineering, CGPA: 3.90/4.00 Deans Honours List

Relevant Courses: Model Based Programming, Digital Logic, Intro to Software Engineering, Intro to Computer Science, Design Principals & Methods, Computer Organization

Dawson College – CEGEP
DEC in Health Science

Bialik High School - High School Diploma
Member of the Physics team, Member of the Code of Conduct committee and Member of Student Council

CONTACT

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SKILLS & QUALIFICATIONS

Language skills: Fluent in English, French and Hebrew

Operating systems: IOS X, Windows 10, Linux

Applications: Eclipse, Microsoft Office, Notepad++, Sketch, Invision

Programming: Java, Python, C, Umple, ARM, Bash, Javascript, PHP

Interests: Artificial intelligence, Biology, Math, Hockey, Video Games

WORK EXPERIENCE

Freelance Private Tutor   **2015- Present**
Taught all areas of mathematics up until Calculus 2, in addition to mechanics, biology and chemistry.

Vivier Pharmaceuticals - *Database Organizer*   **Summer 2017**
Made client calls to ensure information was up to date in the company's CRM. Constantly inputted information and organized the company's database to ensure error-free entries.

Y Country Camp - *Rock Climbing and Sailing Instructor*   **Summer 2016**
Oversaw and organized programs for campers aged 7-15, providing safe working conditions that resulted in no injuries. Responsible for campers' well-being and satisfaction.

The Math Education Centre - *Private Tutor*   **2014 - 2015**
Provided hands on teaching to a mentally-disabled student who was unable to participate in regular classroom activities. Tutored in all areas of math up to secondary 5 (equivalent to 11th grade).

LEADERSHIP & EXTRACURRICULARS

Formula Electric - *Battery Management System & Vehicle Controller*   **2018- Present**
Worked on the Battery Management System and Vehicle Controller for a fully electric car designed for racing. Programming was done using C.

Hockey Team - *Centre Forward*   **2002 - Present**
Demonstrated dedication during training, while learning the importance of teamwork, perseverance and sportsmanship.

Boston Hacks - *Buddy-Squad*
Worked with 4 partners to create an app to help veterans integrate into society after their service through the formation of groups. Code was written in Java and used the spring framework for the backend.

CodeJame - *Food-A-Like*
Worked with 4 partners to create an app which tells you what food you look like using a convolutional neural network. Backend code was written in Python.

RELEVANT PROJECTS

McGill University   **2017 - 2018**
Intercity Ride Sharing Application: Worked with 6 partners to create a backend, mobile frontend, web frontend for an application to connect drivers with passengers looking for intercity travel. Programming was done in Java using Maven, Spring and Travis C.I.
Robotics Design Project: Worked with 6 partners to create a robot capable of Odometry, Localization, Navigation, Locating a disk and grabbing it. Program was written in Java.
Restaurant Application: Worked with 6 partners to create an application to take orders, display the menu, and create bills for each table. Program was written in Java, leveraging Umple to model the application and GitHub to facilitate the work distribution.

Java

C

Python

Bash

ARM

Umple