


Allan BEDDOUK

Engineer Student

Montréal, Canada


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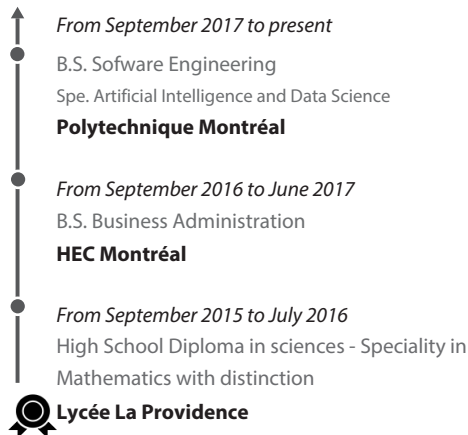
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 https://github.com/Allanbeddouk

 https://allanbeddouk.github.io

EDUCATION



SKILLS

Programming :



- C, C++, C#
- Java, Kotlin
- Python, Go
- SQL
- HTML, CSS & JavaScript
- Angular (MEAN)
- React

Machine Learning :



- PyTorch
- Keras
- TensorFlow

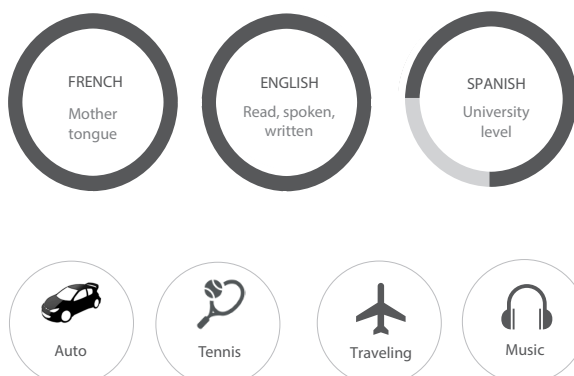
Softwares :



- PostgreSQL
- MongoDB
- Android Studio
- Jupyter Notebook
- Git & Github
- Visual Studio

Relevant Coursework : Probability and Statistics analysis for Artificial Intelligence, Linear Algebra, Operating system Kernel, Discrete Math, Data structures and Algorithms, Language elements and compilers.

LANGUAGES & INTERESTS



PROFESSIONAL EXPERIENCE

6

Months
August 2019 to present
Laboratory instructor for INF1005D : Procedural Programming in Python (Polytechnique Montréal)

3

Months
From June to August 2019
December 2019 to January 2020

Internship in Degroof Petercam Bank Paris.
Development of a Desktop Application to manage internal operations (Workflow).

16

Months
August 2018 to December 2019
Laboratory instructor for INF1010 : Oriented Object Programming in C++ (Polytechnique Montréal)

PERSONAL EXPERIENCE

Startup week-end Marathon HEC Montréal (March 2017)

Ranking : 4/25

- Imagine, in teamwork, a viable company in a precise field.
- Solve a need/problem in a limited time.

Integrator project of 1st year : Initial project of embedded system [INF1900]

September 2018 - December 2018

Course passed with A (4/4).

- Conceive a robot using a micro-controller card (team of 4).
- Follow any route equipped with infrared sensors.
- Chart, on a computer terminal, a map of the surroundings with measurement sensors.

Integrator project of 2nd year : Software project of web application [LOG2990]

January 2019 - April 2019

Course passed with B+ (3.5/4).

- Develop a web application using Angular (team of 6).
- Implement the game "spot the difference" in 2D and 3D from scratch with MEAN stack technology.
- Play multiplayer or solo using instant messaging.

Hackathon Deloitte : DeloitteHacks AI Edition (January 2019)

Ranking : 2/22

- Imagine new innovations for a smart city (team of 6).
- Implement a smart system for parking lot recognition.
- Do an oral presentation in front of a professional jury from Deloitte

Semester project of 3rd year : Kaggle Competition in Machine Learning [MTH3302 Prob. and Stat. for IA]

September 2019 - December 2019

Ranking : 1/25

- Implement and use classification algorithms (team of 4).
- Produce a Jupyter Notebook with detailed approach supported by explanations.

Integrator project of 3rd year : Software evolution project [LOG3900]

January 2020- April 2020

- Deploy interactive drawing software inspired by Skribble.io (team of 6).
- Develop a desktop application in C # using .Net, an Android application in Kotlin and a server in Go.
- Implement instant messaging, different game modes, interactive virtual players, etc.