Haoran Du

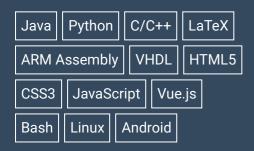
U2 Computer Engineering

About me

I'm passionate about conducting research after my undergraduate study, especially about applying machine learning to the problems in impactful areas, such as medicine, robotics, and communications.

Active developer @ McGill Robotics since 2018. Also proficient in English and Mandarin Chinese.

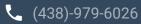
Skills



Contact



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https://www.cs.mcgill.ca/~hdu10





Experience

Research Assistant

Nokia

June 2019 - August 2019

Assisting research & development of Nokia's 5G technology.

Software Developer

McGill Robotics

September 2019 - Present

In charge of updating the software system used for computer vision of McGill Robotics team's Gooney-3 drone.



Education

Bachelor of Engineering since September 2017

Major in Computer Engineering, McGill University.

Projects



Java | UML Supervised by Prof. Gunter Mussbacher, this is a fully playable brick breaker game modelled using MVC principles, UML, and using Java Applet and Swing packages for the UI. Placed No.4 out of 30 teams in the final competition in W2019.

🏅 CooLearn

Java | Vue.js Supervised by Dr. Marwan Developed druing the Kanaan for ECSE 321 in F2019, CooLearn is consisted of frontend & backend development of website and Android app. Various build tools were used extensively from the beginning.

GameTree Al

Python

code.jam(2019) hackathon, it uses ID3 Decision Tree model to accurately tell the difference between a customer of the high potential of making an inapp purchase of a mobile game with the other users. Placed No.3 in the sponsored catergory division.



Contributions

₩McGill Homework Zone

Provided children support in local community in Montreal. Awarded Dean's Letter from McGill Dean of Students.(W2018)

Business

Outreach Lead Volunteer

Organized various outreach events for support through the promotion of McGill Robotics in Montreal elementary schools and CEGEPs.(F2018 -W2019)

IIBP

Offered numerous International Buddy Program for 5 newcoming international members at McGill community over 2 years. (F2018 present)

Redpath

Museum Tour Guide

Volunteer tour guide at the museum offerred service to vistors from all over the world. (W2018 -F2018)