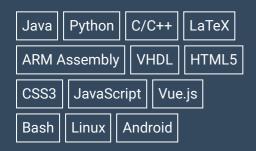# Haoran Du

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 commuincations.

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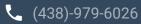
Skills

| Java | Python | C/C++ | LaTeX |

| ARM Assembly | VHDL | HTML5 |

| CSS3 | JavaScript | Vue.js |

| Bash | Linux | Android |

Contact

🏢 7-640 Prince Arthur St W, Montreal, QC | H2X 1T8

✉️ haoran.du@mail.mcgill.ca

📞 (438)-979-6026

🌐 https://www.cs.mcgill.ca/~hdu10

🐙 du-hr

💼 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

🎎Block 223
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 Kanaan for ECSE 321 in F2019, CooLearn is project consisted of frontend & backend development of website and Android app. Various build tools were used extensively from the beginning.

💰 GameTree AI
Python
Developed druing the code.jam(2019) hackathon, it uses ID3 Decision Tree model to accurately telling the difference between a customer of the high potential of making an in-app 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
Organized various outreach events for the promotion of McGill Robotics in Montreal elementary schools and CEGEPs.(F2018 - W2019)

🇨🇦IBP Volunteer
Offered numerous support through 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 offering service to vistors from all over the world. (W2018 - F2018)