

TAN NGUYEN

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SKILLS

- **Languages:** Python • Java • Visual Basic • Racket (Scheme) • HTML • CSS • JavaScript
- **Tools:** Android Studio • Git • Node.js • Bootstrap

PROJECTS

Arbitrage Bot – *StarterHacks 2019*

January 2019

- Created a **JavaScript** bot to exploit price differences between cryptocurrency exchanges
- Utilized **WebSocket APIs** to retrieve orders 10 times faster than **HTTP Protocol**
- Built an interface for users and investors using **HTML/CSS/Bootstrap**

Stock Sentiment – *MLH Local Hack*

December 2018

- Built a **Python web scraper** to get news articles from Nasdaq.com
- Analyzed the public's sentiment on a specific stock with **Azure Text Analytics**
- Created a user interface with **HTML/CSS/Flask**

Schedule System – *Personal Project*

May 2018

- Created a program that generate class schedules with **VB6** for 900 students and teachers
- Pitched to replace the current scheduling system in Mentor College High School

Bluetooth Car – *Engineering Club / Best Engineering*

April 2018

- **Initiated Engineering Club** as an Executive to help other students get into engineering
- Constructed an **Arduino** car controlled remotely through smartphone Bluetooth

EveryBook – *Personal Project*

February 2018

- Created a **VB6** program with **Access DB** to keep track of books in Mentor College

EDUCATION

University of Waterloo

2018 - 2023

- Candidate for a Bachelor of Computer Science, Honours Degree (**3.94 GPA**)

PERSONAL

Habitat for Humanity Mississauga

June - August 2017

- Volunteered as a Warehouse Worker/Customer Service for the summer

Awards

- Canadian Senior Math School Medalist
- Chem News 13 Research Award
- Silver Medal OFSAA Archery

November 2017

May 2017

May 2017

Interests

Cryptocurrency • Archery • Books • Old Movies • Chess