Ho Hin **NG, Arthur**

✉ arthurhohin.ng@mail.utoronto.ca | ⌨ arthurhohinng | ▥ arthurhohinng.github.io

Skills

Familiar with:	C, Python, Java, HTML, CSS
Prior Experience with:	C#, Arduino, JavaScript
Understanding of:	Version Control, Agile Development, Object-Oriented Programming, Linux

Education

University of Toronto   Sept 2019 - Present

Bachelor of Science in Computer Science
- 3.67 GPA

Milton District High School   Sept 2015 - June 2019

Ontario Secondary School Diploma
- Achieved an average of 94.5% in grade 11 and 12
- Advanced Functions Award (Highest Advanced Functions average in the class of 2019)

Experience

Mathnasium Instructor   Jan 2020 - Present
- Worked with 3 other instructors to tutor 15 students every hour
- Restored students' confidence in math
- Helped multiple students initially failing math achieve their first 90+%
- Created multiple customized curriculums for students

Projects

City Transit System | Course work   Nov 2020
- Designed and developed a city transit system using **Java**
- Applied Object-Oriented Programming model to create a payment system
- Worked in a team of 4 individuals using agile methodology
- Used **git** for version control

File Compression/Decompression | Coursework   Mar 2020
- Created a program that performs lossless compression and decompression of files using **Python**
- Utilized Huffman trees for compression and decompression
- Applied post, preorder and inorder tree traversal
- Averaged a 1.5:1 compression ratio

Achievements

University of Toronto Scholars Program
- The University of Toronto Scholars Program provides recognition to the University's outstanding students, at admission. There are approximately 700 admission awards which have a value of $7,500.

University of Toronto Mississauga Entrance Scholarship
- Entrance scholarship for students with an overall average of 92.0% — 94.9%.