

Ho Hin (Arthur) Ng

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Skills

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

Education

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| University of Toronto | Sept 2019 - Present |
| Bachelor of Science in Computer Science | |
| - 3.73 GPA | |
| Milton District High School | Sept 2015 - June 2019 |
| Ontario Secondary School Diploma | |
| - An average of 94.5% in grade 11 and 12 | |
| - Advanced Functions Award (Highest Advanced Functions average in the class of 2019) | |

Projects

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| File Compression/Decompression | Mar 2020 |
| - Created a program that performs lossless compression and decompression of files using Python | |
| - Utilized Huffman trees for compression and decompression | |
| - Averaged a 1.5:1 compression ratio | |
| City Transit System | Nov 2020 |
| - Designed and developed a city transit system using Java | |
| - Applied Object-Oriented Programming model to create electronic payment system | |
| - Worked in a team of 4 individuals with agile methodology | |
| - Used git for version control | |

Achievements

U of T 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%.

Experience

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| 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+% | |
| - Involved in creating multiple customized curriculums for students | |