Ho Hin **NG, Arthur**

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Education

University of Toronto   *Toronto, Ontario*
BACHELOR OF SCIENCE IN COMPUTER SCIENCE   *Sept 2019 - PRESENT*
- 3.69 GPA

Skills

Languages	Python, Java, HTML/CSS, JavaScript, C
Technologies & Tools	React, Node.js, MySQL, Git, Unix

Projects

Workout Tracker
WEB APP | HTTPS://GITHUB.COM/ARTHURHOHINNG/WORKOUT_TRACKER   *May 2021*
- Developed a workout tracker app using **React**, **Node.js**, and **MySQL**
- Designed and developed REST api to fetch and update user exercise data

Stop YouTube Procrastination
CHROME EXTENSION   *Feb 2021*
- Developed a Google Chrome extension that disables YouTube to increase productivity
- Utilized **HTML**, **CSS**, and **JavaScript** to develop the extension

City Transit System
COURSEWORK   *Nov 2020*
- Designed and developed a city transit system using **Java**
- Applied Object-Oriented Programming model and Strategy design pattern for clean and modular code
- Collaborated in a **scrum** team of 4 using **agile methodology** and 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
- Averaged a 1.5:1 compression ratio

Work Experience

Mathnasium of Milton   *Milton, Ontario*
INSTRUCTOR   *Jan 2020 - May 2021*
- Designed and created multiple customized curriculums for students
- Mentored countless students, initially failing math, to achieve their first 90+%
- Established clear communication with students' parents with monthly progress check calls
- Communicated clearly with team members through daily reports

Honors & Awards

2019	**University of Toronto Scholars**, Scholarship for the University's outstanding students at admission
2019	**University of Toronto Entrance Scholarship**, For students with an overall average of 92.0% — 94.9%