

Ho Hin NG, Arthur

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Skills

Languages Python, Java, C, HTML/CSS, JavaScript

Technologies React, Node.js, SQL

Developer Tools Git, VS code, Eclipse, PyCharm

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

Projects

Workout Tracker

WEB APP | [HTTPS://GITHUB.COM/ARTHURHOHINNG/WORKOUT_TRACKER](https://github.com/arthurhohinng/workout_tracker)

May 2021

- Developing a workout tracker app using **React**, **Node.js**, and **SQL**
- Designed and developed REST api to fetch 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

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

Education

University of Toronto

Toronto, Ontario

BACHELOR OF SCIENCE IN COMPUTER SCIENCE

May 2019 - PRESENT

- 3.67 GPA

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%