

WILLIAM CHAN

Computer Science graduate seeking to fulfill a development position where I can apply my problem solving skills to design meaningful and efficient solutions with my experience with programming.

WORK EXPERIENCE

Sunnybrook AI Research Programmer

June 2019 - August 2019

Matlab, Python

- Tasked with analysing the texture patterns of ultrasounds with AI assisted learning to predict cancers.
- Created algorithms to learn from lab data in Python and Matlab with the assistance of artificial intelligence.
- Troubleshooted a critical error on legacy code.
- Research work published

Chess'n Math Association

June 2018 - August 2018

Python

- Developed scripts for handling chess data while managing and maintaining the store.
- Strengthened proficiency in Python, hands-on work, and technical skills.

PROJECTS

Memory Test

May 2021 - June 2021

html, css, js, sql, php

- Designed and constructed an encyclopedia website using .NET to catalog popular series "Pokemon" with PokeAPI.
- Website completely created and maintained from scratch with .NET Framework.

.NET Website Construction

January 2021 - February 2021

C#, .NET, html, css, js

- Designed and constructed an encyclopedia website using .NET to catalog popular series "Pokemon" with PokeAPI.
- Website completely created and maintained from scratch with .NET Framework.

Java Android Apps

Java, Swing, Android Studio

February 2019 - April 2019

- Developed various Java applications to increase my proficiency in Java and strengthen core fundamentals of OOP.
- Created a total of 3 projects: A vector drawing program, A custom markup menu widget, An android app to display photos and allow ranking.

OS-161 Operating System

September 2018 - January 2019

C

- Built a functional operating system on top of a basic flavour of Unix.
- Learned how to develop page tables, primitive synchronization, threads, processes, and other low level system calls.

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SKILLS

Programming Languages

- C++
- C#
- C
- Java
- Javascript
- Python
- Matlab
- SQL/ PHP
- HTML/CSS

Technical Skills

- Website Building (Front End)
- Website Management (Back End)
- System Debugging
- Implementation Strategist
- Code Navigation
- Prototyping
- Linux/Mac/Windows Architecture

EDUCATION

University of Waterloo 2016 - 2020

Bachelor of Computer Science
w/ Honours

Tris College 2020 - 2021

Web Applications Developer