

Andrew Chen

Motivated high school computer science student

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EXPERIENCE

Bayview Model UN, Bayview Secondary — Webmaster

MONTH 2019 - PRESENT

Managed online presence including website and social media

EDUCATION

Bayview Secondary School, Richmond Hill — IB Diploma

SEPTEMBER 2018 - JUNE 2022

Highest average in the grade for the past academic year (recipient of the YRDSB book award), averages of 99 across all math and computer science courses

PROJECTS

Connect 4 — Java 8, Maven

Utilized object-oriented concepts such as encapsulation, inheritance, and polymorphism to construct a Connect 4 game. Includes a graphical user interface built with Swing, and a computer AI based on the minimax algorithm

Link: <https://github.com/anyuan-chen/connect4>

Guess the Flag — Swift, SwiftUI

File-systems knowledge ensured loading of assets into the app. Entire app built using SwiftUI, with modern features such as trailing closures, ForEach(), and struct-based components used

Link: <https://github.com/anyuan-chen/guess-the-flag>

Competitive Programming — C++, Swift

Utilized advanced data structures such as binary index trees and monotonous stacks as well as algorithms such as DFS, BFS, and Dijkstra's in order to solve difficult programming challenges.

Link: <https://github.com/anyuan-chen/competitive-programming>

SKILLS

High problem-solving ability

Strong speaking and general communication skills

Willingness to learn anything related to software in the workplace

AWARDS

2nd Place at the International Career Development Conference in the area of Project Management

Finalist at the International Career Development Conference in the area of Entrepreneurship

37 on the CCC Senior 2021, 332nd in the world

International History Olympiad Qualifier

Finalist in the High School Big Data Challenge, Abstract of Paper Published in Peer-Reviewed Journal

LANGUAGES AND TECHNOLOGIES

C++, Java, HTML, CSS, Javascript, React, Gatsby, Python, R, Tensorflow, Tableau, IBM Cognos, Swift