Rayton Chen

Windsor, ON | rayton.chen@gmail.com | GitHub | Website

Experience

Senior Teacher, Contest Organizer — Vincent Massey Computer Science Club   2021—2022

- Taught various algorithms and data structures and their applications in problem solving to 20+ club members for 20+ total hours
- Organized 3 programming contests to prepare club members for the CCC

Tech Member — MasseyHacks VIII Organizing Team   2021—2022

- Collaborated with other Tech team members to create the event website
- Handled filming equipment during the opening and closing ceremonies

Summer Camp Assistant — Windsor Math Enrichment Program   2020

- Prepared handouts with Math theorems and problems for the lectures
- Supervised participants during team exercises and competitions

Education

Vincent Massey Secondary School — Windsor, ON   2019—2023

Honour Roll student with 96% Average in the 2022 School Year.   (Expected)

Skills

Languages

C++, Python, Java, HTML, CSS, JavaScript, LaTeX

Technologies

Express, Socket, Django, Firebase, Pygame, Swing

Achievements

American Invitational Mathematics Exam Qualifier (2021, 2022)

USA Computing Olympiad Gold Division

Canadian Computing Competition Honour Roll (2021)

CEMC Euclid Contest Honour Roll (2022)

Canadian Open Math Challenge SW Ontario Honour Roll (2020, 2021)

ECOO Programming Contest 12th place individual (2021)

Projects

UNO   ICS4U Final Project

A real-time online multiplayer clone of UNO with easy-to-use interface. Allows multiple simultaneous game rooms.   *HTML, CSS, JavaScript, Express, Socket.io, Swal2*

Paint Program   ICS3U Final Project

A clone of MS Paint with features such as integrated image searching and scraping (drag-and-drop insertion).   *Python, Pygame, User Agent*