

Rayton Chen

Windsor, ON | rayton.chen@gmail.com | [GitHub](#) | [Website](#)

Experience

Co-director | MasseyHacks IX | 2022-2023 (Ongoing)

- Coordinates with school administration to plan out event logistics for 200+ attendees (projected)
- Leads the Finance team to acquire \$12,000+ for the event budget through sponsor outreach
- Leads the Tech team to develop a modern and responsive event website and a secure verification system

Co-director | CodeReach | 2022-2023 (Ongoing)

- Directs logistics for the 5-month program that teaches web development to 60 middle school students
- Plans the program curriculum, target projects, and lesson plans with the program instructors
- Collaborates with the Tech organizer to develop promotional platforms and communication systems

Logistics & Contest Organizer | Vincent Massey Computer Science Club | 2021-2023 (Ongoing)

- Organized 6 programming contests to prepare 40+ club members for regional and national competitions
- Created or curated 30+ programming exercises to train and assess algorithmic problem-solving skills
- Managed logistics and platform for club meetings, communication, and competition team selection

Senior Stream Teacher | Vincent Massey Computer Science Club | 2021-2022

- Taught algorithms and data structures and their applications to 20+ senior members for 20+ total hours
- Offered advice, assistance, and resources to students trying to improve their algorithmic problem-solving

Tech Member | MasseyHacks VIII | 2021-2022

- Collaborated with other Tech members to develop the event website and create programming puzzles
- Taught 3 workshops (Algorithms I, II, III) introducing recursion, graph theory, and traversal algorithms

Education

Vincent Massey Secondary School | 2019-2023 (Expected)

- Honour Roll student with an average of 97% in the 2023 school year

Skills & Technologies

- C++, Python, Java, HTML, CSS, JavaScript
- Git, Express.js, Socket.io, Django, Firebase, Bootstrap, jQuery, pygame, Swing

Achievements

- USA Computing Olympiad — Gold Division (2022)
- American Invitational Mathematics Exam — Qualifier (2021, 2022)
- Canadian Computing Competition — National Honour Roll (2020, 2021)
- CEMC Euclid Contest — National Honour Roll (2022)
- ECOO Programming Contest — 12th place individual (2021)