

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 manage and secure **\$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 outlines with the program instructors
- Collaborates with the IT organizer to develop promotional platforms and communication systems

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

- Organized **7** programming contests to prepare **40+** club members for regional and national competitions
- Created and 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
- Provided assistance and resources to students trying to improve algorithmic problem-solving skills

Tech Member | MasseyHacks VIII | 2021-2022

- Collaborated with other Tech members to develop the event website and create programming puzzles
- Taught a 2.5-hour workshop introducing recursion, graph theory, and graph traversal algorithms

Education

Vincent Massey Secondary School | 2019-2023 (Expected)

- Honour Roll student with a **99%** admission average

Skills & Technologies

- **C++, Python, C#, JavaScript, TypeScript, Java, HTML, CSS**
- **Git, Docker, Azure, ASP.NET Core, Angular, Node.js, Express, SQLite, Firebase, Bootstrap, jQuery**

Achievements

- USA Computing Olympiad — **Gold Division**
- 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)