

Rayton Chen

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Experience

MasseyHacks

2022-2023

Co-director (23) • Tech Member (22)

Windsor, ON

- Coordinated event details with school admin. for **218 attendees** (**81.6% increase** from previous year)
- Lead the Finance team to secure **\$12,562** in funding, exceeding the previous year's total by **24.4%**
- Directed communication and negotiation with vendors to purchase **634 food servings** and **\$3000 of goods**
- Lead the Technology team to develop a modern and responsive event website and verification system

Vincent Massey Computer Science Club

2021-2023

Logistics & Contest Organizer (22, 23) • Senior Stream Teacher (22)

Windsor, ON

- Organized **7 programming contests** to prepare **40+ club members** for regional and national competitions
- Created and curated **30+ exercises** to train and assess algorithmic problem-solving skills
- Taught algorithms and data structures and their applications to **20+ seniors** for **20+ total hours**
- Managed logistics and platform for club meetings, communication, and competition team selection

CodeReach

2022-2023

Co-director

Windsor, ON

- Directed logistics for the **5-month program** that teaches web development to **60 middle school students**
- Designed the program curriculum, target projects, and lesson outlines with the program instructors
- Collaborated with the IT organizer to develop and test promotional platforms and communication systems

Education

University of Waterloo

2023-2028

- Computer Science, Honours, Co-operative Program
- Recipient of **René Descartes National Scholarship** and **President's Scholarship of Distinction**

Vincent Massey Secondary School

2019-2023

- Distinguished Honour Roll with **99.33%** admission average

Skills & Technologies

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

Achievements

- USA Computing Olympiad — Gold Division
- Canadian Computing Competition — National Honour Roll (2020, 2021)
- American Invitational Mathematics Exam — Qualifier (2021, 2022)