Rayton Chen

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Experience

Co-Director | MasseyHacks IX | 2022-2023 (Ongoing)
· Coordinating with school administration to plan out event logistics for 200+ attendees (projected)
· Leading the Finance team to acquire $12,000+ for the event budget through sponsor outreach
· Leading the Tech team to develop a modern and responsive event website and a secure verification system

Co-Director | CodeReach | 2022-2023 (Ongoing)
· Planning a 5-month program that teaches web development to 60 elementary school students
· Planning the course curriculum and lesson plans with program instructors
· Collaborating with Technology organizer to develop promotional and communication platforms and systems

Logistics & Contest Organizer | Vincent Massey Computer Science Club | 2021-2023
· 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
· Handled filming equipment during the opening and closing ceremonies

Education

Vincent Massey Seconary 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

Awards and 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)