

# KAILEY CHEW

## Summary of Qualifications

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Computer Science • 1B • 843 W 19 Ave • Vancouver, BC

- Basic proficiency in Java, Python, C, Racket, HTML, CSS, Bourne Shell from coursework and hobbies
- Effective leader of Youth Council executive team of 4; developed communication and problem-solving skills
- Detail-oriented and experienced in project management; led student staff of 7 to produce IB Year-End Compendium
- Application Software: InDesign, Word, Photoshop
- Fluent in French and English, able to converse in Mandarin

## Education

### Bachelor of Mathematics, Computer Science, Co-operative Education Program

Expected June 2024

University of Waterloo, Waterloo, ON

- President's Scholarship of Distinction awarded to students with an early-May admission average of 95% or above
- Coffee N' Code Projects
  - Ingredient Simplifier App (Sept. - Dec. 2019), React Native, recognizing sugar content in an ingredient list
  - Algorithmic War Game (Jan. 2020 – present), Python, coding bots to shoot lasers at each other with different tactics
- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Interpersonal Communication, Professional Development: Career Fundamentals

### International Baccalaureate Diploma and French Immersion Dual Dogwood Diploma

Sept. 2014 – May 2019

Sir Winston Churchill Secondary School, Vancouver, BC

- BC Achievement Scholarship awarded to the top 10% of graduating students in British Columbia
- Achieved 39 out of 45 IB points, top 13% of 65,000+ IB students
- IB Gifted Writer Award of Distinction, Churchill Scholars Award and Band Department Scholarship
- Relevant Courses: IB Higher Level Mathematics, IB Higher Level Physics, Programming 11, IB Higher Level English

## Relevant Experience

### Editor-in-Chief, IB Compendium 2019

October 2018 – May 2019

Sir Winston Churchill Secondary School, Vancouver, BC

- Directed a 7-person student staff, delegated tasks and managed conflicts in order to create cohesive teamwork
- Designed, created, and published a 114-page yearbook
- Maintained relations and handled finances with publishing company, balanced quality and price of product using negotiation skills in order to increase customer satisfaction

### President, Senior Youth Council

Sept. 2015 – June 2019

Douglas Park Community Centre, Vancouver, BC

- Led community fundraisers and outreach programs as elected president of local community centre youth council
- Facilitated meetings twice a week, introduced new events for underrepresented youth such as the LGBTQIA+ dance
- Collaborated with youth from other communities and acted as liaison as Douglas Park representative in the Greater Vancouver City-Wide Youth Council

## Volunteer Experience

### Math Ambassador, University of Waterloo

September 2019 – Present

- Giving tours to and providing information to prospective students and parents as representative of Math Faculty

### Copy Editor, Imprint Newspaper, University of Waterloo

September 2019 – Present

- Elevated overall quality of paper by proofreading articles weekly during production period

### Volunteer Notetaker, AccessAbility Services, University of Waterloo

September 2019 – Present

- Provided comprehensive class notes every lecture for peers with documented accessibility needs

### WUSA Volunteer, Waterloo Undergraduate Student Association, University of Waterloo

January 2019 – Present

- Represented student government by facilitating events (set-up, food service, crowd control, registration)

## Activities and Interests

- **Warrior Recreation Shoetag Fitness Classes**, University of Waterloo
- **Piano and Music Theory RCM Certification**, Grades 1 to 10, rudiments, harmony, and history
- **Badminton**, Vancouver Racquet Club and Hillcrest Community Centre
- **Senior Jazz Band**, Sir Winston Churchill Secondary School