

KAILEY CHEW

COMPUTER SCIENCE 2A

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SKILLS

- Basic proficiency in Java, Python, C, Racket, HTML, CSS, Bourne Shell
- Application Software: InDesign, Word, Photoshop, Excel
- Fluent in French and English, able to converse in Mandarin

LEADERSHIP EXPERIENCE

Editor-in-Chief, IB Compendium Oct. 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
- Handled financial relations with publishing company, balanced quality and price of product 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 represented Douglas Park at Greater Vancouver City-Wide Youth Council

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
- Relevant Courses: Designing Functional Programs, Elementary Algorithm Design and Data Abstraction, Professional Development: Career Fundamentals

International Baccalaureate Diploma and French Immersion Dual Dogwood Diploma

Sept. 2014 – May 2019

Sir Winston Churchill Secondary School, Vancouver, BC

- Recipient of BC Achievement Scholarship, awarded to 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

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*

PROJECTS

Checkpoint Web Application

April 2020 - Present

- Incentivizes productivity through to-do lists where completing tasks earns points
- Front-end: HTML/CSS
- Backend: PHP and SQL

k-chew.github.io

April 2020 - Present

- Used HTML, CSS, and JQuery to create personal website

Ingredient Simplifier App

Sept. - Dec. 2019

- Used React Native to recognize sugar content in an ingredient list

Algorithmic War Game

Jan. 2020 – present

- Used Python to create bots that shoot lasers at each other with different tactics

VOLUNTEER EXPERIENCE

Math Ambassador, University of Waterloo

Sept. 2019 – Present

Copy Editor, Imprint Newspaper

Sept. 2019 – Present

Volunteer Notetaker, AccessAbility Service

Sept. 2019 – Present

Waterloo Undergraduate Student Association

Jan. 2019 – Present