



# HANSON SUN

*Student and Inquirer*

## CONTACT

✉ hansonsun.school@gmail.com

☎ 778-836-0421

🌐 www.hanson-sun.github.io

🏠 Richmond, BC

## EDUCATION

### IB DIPLOMA PROGRAMME

2018 - 2022

44/45 points

(Math, English, Physics HL,  
Chem, ITGS, Mandarin SL)

Richmond Secondary School,  
BC, CA

### BACHELOR OF SCIENCE

2022 - Present

University of British Columbia,  
BC, CA

## SOFT SKILLS

- Leadership
- Analytical Thinking
- Teamwork
- Problem Solving
- Communication
- Organization
- Research

## SOCIAL









 [linkedin.com/in/hanson-sun/](https://www.linkedin.com/in/hanson-sun/)

 [github.com/Hanson-Sun](https://github.com/Hanson-Sun)

## ABOUT

Hanson Sun is a general science student with an interest in computer science. He is passionate about technology, education, and research. He enjoys cycling, learning new skills, and playing the saxophone in his free time.

## HARD SKILLS

English  Cantonese  Google Suite  Python   
Chinese  MS Office  Latex  HTML/CSS/JS 

## EXPERIENCES

### CO-FOUNDER OF MATH CONNECT



May 2020 - June 2022

- Planned, designed, and launched a free NPO, Math Connect
- Managed tutors, students, and classes
- Communicated with partners (Potts education studio) for supporting resources and cross-advertisement agreements
- Created and managed website, mathconnect.ca

### CO-PRESIDENT OF RHS PROGRAMMING CLUB



Jun 2020 - May 2022 (Highschool)

- Created interactive programming curriculum and lessons every week
- Taught creative programming lessons every week
- Organized school-wide hackathons with prizes
- Implemented large-scale hackathons (Hack the North) and competitions (CCC)
- Created and maintained the website, rhsprogrammingclub.github.io

### PRESIDENT OF MATH CLUB



Jun 2020 - May 2022 (Highschool)

- Organized school-wide math contests such as COMC, CIMC/CSMC, Euclid, etc
- Collaborated with the school math department to order, plan, advertise, and seat contests with around 90 students
- Worked with the school admin to collect fees and allocate funds of over \$600
- Gained sponsorships for the Euclid contest from the RHS alumni association
- Delegated tasks within the executive team

## PROJECTS

### ANALYSIS OF 2D PHYSICS SIMULATIONS IN JAVASCRIPT

Feb 2020

- A formal paper analyzing the implementation of a 2D JavaScript physics engine
- <https://hanson-sun.github.io/Math-EE/>

### DRAWING WITH SOUND

April 2022

- Drawing 2D images on an oscilloscope with sound waves and Fourier transformations
- <https://github.com/Hanson-Sun/Physics-Capstone>