

VIVI HUANG

COMPUTER ENGINEERING STUDENT

CONTACT

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 <https://github.com/Applepieyay>

SKILLS

C++, Python, Java experience

HTML, CSS

Critical Thinking

Problem-solving

Teamworker & Responsible

EDUCATION

Bachelor of Computer Engineering

University of Waterloo

2023-2028


High School Degree

Semiahmoo Secondary School

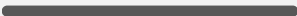
2018-2023

- 7/7 on International Baccalaureate Mathematics AA HL and IB Physics HL exams
- 39/45 overall on IB exams, May 2023
- Average 95% GPA

LANGUAGES

English 

French 

Mandarin 

PROFILE

My name is Vivi Huang, I'm a passionate individual dedicated to problem-solving and computer engineering. I look forward to any software engineering opportunities to expand my experience and put my skills to use.

WORK EXPERIENCE

Project Intern

Chinese Academy of Sciences (CAS)

June 2023 - August 2023

- Worked on Computer-Aided Design (CAD) and 3D modelling using COMSOL simulation software
- Thermal physics simulation on optical modules to analyze heat distribution.
- Managed project processes, collaborated with instructor and PhD students at the Laboratory to draft a research paper.

PROJECTS

Web Scientific Calculator

[Github page](#)

- Developed a front-end, interactive scientific calculator using HTML, CSS and Javascript with built-in calculation functions and tracks user inputs.

Online Weather App

[Github page](#)

- Developed a weather reporting website, retrieves weather data through API
- Fetches user inputs, returns real-time weather conditions with custom formats

COMPETITION & TEAMWORK

Semiahmoo Study Circle

2021-2023

- Executive & tutor at Semiahmoo Study Circle, hosted weekly lessons for over 24 months, accumulated more than 120 volunteer hours of tutoring
- Mentored elementary & high school students in Math & Physics

UBC Physics Olympics

2023

- Attended a portion of the competition, competed in a time-restricted lab in a group of 6 students, placed top 4 in the section
- School placed 3rd place in the British Columbia province

PUBLICATIONS

Publication on European Journal of Technical & Natural Sciences 2022

- Published a research paper on absorptivity of broadband perfect absorbers, with help from Dr. Wei from Suzhou University of Science and Technology
- Participant in the ISEF Pennsylvania in 2022
- Refined paper was accepted by the European Journal of Technical and Natural Sciences (#1-2 2022)