

Sayuj Sethi

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EDUCATION

University of British Columbia, Vancouver, BC

Intended *May 2026*

Candidate for Bachelor of Science

GPA: 4.0/4.33

Major: Computer Science (Undeclared)

Honors & Awards: Outstanding International Student Scholarship

Delhi Public School, Noida, UP

June 2022

Grade 12: 97.8%, Gold Medal

SAT: 1460/1600, IELTS: 8.5/9

TECHNICAL SKILLS

Programming Languages: Python, Java, Dr Racket, R.

Platforms/Tools: OpenCV, media-pipe, discord.py, numPy, pandas, JUnit 5, Java Swing UI, tidyverse, tidymodels, git.

Relevant Courses: DSCI 100: Introduction to Data Science (R), CPSC 110: Systematic Program Design, CPSC 121: Models of Computation, CPSC 210: Software Construction (Java, OOP).

PROJECTS

BudgetBuddy

January 2023 - Present

- Developing a Smart Monthly Budget-tracking software using Java and OOP principles.
- Learnt optimization, coverage testing, and abstraction. Incorporated persistence using Java JSON library.
- Utilized Java-Swing to build a functional GUI as a desktop-first application.

UniMatch (Hackathon Project)

January 2023

- Developed a mobile web-application to streamline the college search process for grade 12 students.
- Allows users to interact with potential college suggestions in a “dating-app” style.
- Lead the design for the project and came up with the primary algorithm to sort Universities.

Wine Quality prediction using k-nn classification

December 2022

- Used UCI’s wine quality repository to create a k-nn classification model to predict the absolute quality of wine given physical and chemical parameters.
- Lead a team of 4 members, coordinated on git and learnt how to effectively use version control.
- Optimized the algorithm for ideal results and presented a report of findings.

AutoAttendance Bot

June 2021

- Wrote a Python script to automatically collect and email class attendance to teacher during online classes.
- Deployed in 3 classes and streamlined the attendance taking process for grade 12 teachers across the school.

Pinch Chrome Dino

June 2022

- Used OpenCV and Google’s pre-trained media-pipe library to create a new way of playing the Google Chrome dino game using AI Hand-Tracking.

EXTRACURRICULAR ACTIVITIES

Totem Park Residence Association, Vancouver, BC

September 2022 – April 2023

Floor Representative, House Council Member

- Responsible for ensuring floor necessities are fulfilled.
- Managed an annual budget of over \$2000 and judiciously allocated resources towards floor needs and events.
- Organized fun monthly events for over 200 first-year residents of Totem Park at UBC.

Student Council, Delhi Public School Noida

Head boy

November – June 2022

- Led and represented a student body of over 4000 students to teachers and school administration.
- Responsible for identification and representation of student talent, inter-club communication & conflict management.
- Acted as liaison between students and teachers and learnt effective communication, leadership and time management between work and studies.

“Sukoon” Fundraiser Concert, Noida, UP

Founder, Event Manager

May 2021

- Collected a group of 15 volunteer members and collaborated with 3 other organizations to host a 3-day Fundraiser Concert to raise money towards COVID Relief.
- Raised C\$1500 towards donating oxygen in Tier 2 and 3 cities through Hemkunt Foundation.

German

2014-2020

- Level A2 Qualified in German Language.
- Hosted a German student at home and visited Schwäbisch Hall, Germany on Cultural Exchange trip in 2018-19 and learnt about the culture, heritage, and language.
- Received 100% scholarship from Goethe Institut to attend German Youth Conference in Hamburg, Germany.
- Attended global German Language conferences in Sri Lanka and Freiburg.

TED-Ed

2020-2022

- Served as the Student Leader of school TED-Ed Club.
- Coached 20+ club members on public speaking, ideation and content writing and facilitated production of TED-Style-Student Talks.

Graphic Design

2018- 2023

- Lead Graphic Designer for school tech club.
- Designed logos, artwork, posters, t-shirts, and hoodies for 3 other student clubs.