

Benjamin Sheng

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EDUCATION

University of British Columbia – Vancouver, BC
Engineering Major, 3.7 GPA

September 2025 - Present

Crescent School – Toronto, ON
Academics: Honors Student 2020 - 2025, AP Scholar with Distinction

September 2019 - June 2025

CERTIFICATIONS AND SKILLS

Certifications: Driver61 Aerodynamics Course, CSWA SolidWorks Certification (100% Score)

Skills: Fusion 360, SolidWorks Surfacing, 3D Printing using Bambu Labs, Coding in Java, Python, and C++, MS Office

PASSION PROJECTS

WindTunnel – *Full CAD and Working Tunnel* January 2025 - August 2025

- Combined my skills of CADing in Fusion 360 with manufacturing with a Bambu P1p 3D Printer.
- Improved my coding skills with Arduino and electronic skills such as crimping and soldering.
- Built from scratch with countless iterations to optimize the airflow and results given by the chamber.

LEADERSHIP & DESIGN TEAMS

UBC Solar – *Aeroshell Team Co-Lead* September 2025 - Present

- Leading a team of 8 plus engineering students through the aerodynamic design of our vehicle.
- Leading the manufacturing and design of the Windshield and Bottom shell carbon fiber plug for Cascadia vehicle.
- Gained crucial skills in SolidWorks surfacing as well as how to write effective engineering design reviews.
- Well-versed in utilizing waterjet cutters, CNC milling, and routing machines.

F1 Fan Forum – *President and Founder* September 2022 - June 2025

- Grew the club membership by 100%.
- Spearheaded the very first Crescent School race watch along with 20+ people.
- Streamlined the day-to-day operations of the forum.

Crescent School Student Government – *Communications Prefect* September 2024 - June 2025

- Elected as one of sixteen Prefects by 400+ students and faculty.
- Manage weekly communication to the entire upper school, including everything they need to know for the week to drive student engagement.
- Innovated by incorporating social media as a tool to disseminate information to students.

PROFESSIONAL EXPERIENCE

Crescent Camps – Toronto, ON Summer 2024 - Summer 2025

Head Instructor + Camp Counsellor Summer 2025

- Led 3-5 counselors and volunteers and 15+ kids ranging from 6-13 to run 6 weeks of summer camp.
- Learned crucial skills in patience and adaptability when working with the campers.
- Improved my conflict-resolution skills when calming campers or handling incidents involving hurt students.

AWARDS

Fitzpatrick Award – *Crescent School* June 2025

- Presented to the Upper School athlete who exhibits effort, participation, and sportsmanship.

Denise Manikas Leadership Award – *Crescent School* June 2021

- Has displayed the true "Crescent Spirit" - quiet determination, participation, understanding, and thoughtfulness for his fellow students and instructors.