

Daniel Hong

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EDUCATION

University of Toronto

Sep 2023 - Apr 2028

BASc in Engineering Science

4.0 GPA

- Frank Howard Admission Scholarship (\$5000), National Book Award
- Varsity Track and Field, Engineering Society

Bloor Collegiate Institute

Sep 2023 - Apr 2028

High School Diploma, TOPS Certificate

98 Average

- Two-year Student Council Member. Founder of Newspress Club (50+ members).
- AP Physics B, AP Physics C, Digital Design Subject Awards. Graduating athlete of the year scholarship. Track and Field OFSAA Qualifier, Varsity Volleyball MVP, Varsity Ultimate MVP, 2022-2023 Basketball D2 Champion.

EXPERIENCE

University of Toronto Aerospace Team ([UTAT](#))

Dec. 2023 - Present

Mechanical Member

- Designed the bulkheads for the fuselage of a Quadcopter using solidworks. Optimized the design by running stress simulations. Assisted in molding, laser cutting, and construction. The quadcopter is set to compete in the 2024 national Unmanned Aerial Systems competition.

University of Toronto Wind Team ([UWind](#))

Dec. 2023 - Present

Mechanical Member

- Modeled and designed the nacelle of a small-scale wind turbine using Solidworks. Streamlined the design for component accessibility and aerodynamics. The wind turbine is set to compete in the 2024 International Small Wind Turbine Contest in Sweden.

Bloor Collegiate Institute

Oct. 2021 - June 2023

Yearbook Director

- Led a team of 15 members to produce a school yearbook using adobe photoshop and adobe indesign. Communicated with the production company and personally created 20 pages.

Spirit of Math (SOM)

Sep. 2022 - June 2023

Assistant Teacher

- Led instructional exercises and worked one-on-one with 6th-grade classes for 2 hours weekly.

Teenage Tutors

Sep. 2022 - Present

Tutor

- I work one-on-one with my high school clients to improve their math and physics skills. Subjects include calculus, mechanics, and functions.

SKILLS & INTERESTS

- **Skills** (*plug in your own*): Solidworks, Python, Java, C, CSS, Javascript, HTML, Photoshop, Adobe Illustrator, Adobe Indesign, Adobe Premiere, Adobe After Effects, MS Office, leadership.
- **Languages**: English, Chinese, French
- **Interests**: NBA, kayaking, windsurfing, basketball, chess.