

DANIEL HONG

CONTACT INFO

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SKILLS

SPOKEN LANGUAGES

Fluency in English and Mandarin. Some basic abilities in French.

CODING

Proficient with python. Experience with Java, Matlab, HTML, CSS, Javascript, C.

CAD

Solidworks.

DESIGN

Familiar with Adobe Suite (Photoshop, Illustrator, After Effects, Premiere Pro, Indesign). Some experience with Blender.

TYPING

99th Percentile, average of 130 WPM, 97% accuracy. Experience with MS office.

ACHIEVEMENTS

NATIONAL BOOK AWARD

University of Toronto National Book Award Recipient.

Frank Howard Guest Admission Scholarship

EDUCATION

UNIVERSITY OF TORONTO - Toronto, ON

September 2023 - Current

- Bachelor of Applied Science in Engineering Science
- 3.95 CGPA
- University of Toronto Aerospace Team (UTAT), University of Toronto Wind Team (UTWind), Varsity Track athlete.

BLOOR COLLEGIATE INSTITUTE - Toronto, ON

September 2019 - 2023

- High School Diploma, Talented Offerings for Programs in the Sciences (TOPS) Certificate, University of Toronto National Book Award, Top 10 class rank
- 3-year student council member and STEM club executive, News Press Club President & Founder (50+ members).
- Graduating Athlete of the Year Scholarship, MVP and Team captain of varsity volleyball team, MVP and starting handler for Varsity Ultimate Frisbee team. Small forward for BCI's senior basketball team.

EXPERIENCE

UNIVERSITY OF TORONTO AEROSPACE TEAM:

December 2023 - Present

- Member of the University of Toronto Aerospace Team (UTAT), Unmanned Aerial Systems (UAS) Division. Currently preparing for the Aerial Evolution Association of Canada (AEAC) competition.
- As part of the mechanical subteam, I am using solidworks to design the bulkhead and stringers for the Quadcopter fuselage.

UNIVERSITY OF TORONTO WIND TEAM:

December 2023 - Present

- Member of the University of Toronto Wind Team (UTWind).
- Currently redesigning the nacelle of our turbine for the International Small Wind Turbine Contest using solidworks.

PRIVATE TEENAGETUTORS.CA MATHEMATICS TUTOR:

September 1st, 2022 - Present

- Privately tutor students in high school mathematics 2 hours weekly, including algebra I, II, and Calculus (205+ hours and counting).

6th GRADE SPIRIT OF MATH CENTRE ASSISTANT:

September 1st, 2022 – July 5th, 2023

- Helped students with problems, identified struggling students, gave one-on-one help, marked work, lead drills, provided support (100+ hours).

\$5,000 entry scholarship to University of Toronto Engineering Science.

SPRINTING

2023 60th nationally ranked U20 400 m sprinter. 40th nationally ranked U20 high jumper

NATIONAL CANADIAN GLOBAL HEALTH CASE COMPETITION WINNER

First place winner of the National Global Health case competition - 2021.

SKILLS COMPETITION WINNER

Winner of *Skills ON* Provincial Green Energy Challenge — 2019.

DECA PROVINCIALS

A qualifier and award winner at DECA provincials. Placed top 15 in the marketing exam — 2021.

SAT

Placed 99th percentile on the PSAT exam with a score of 1540/1600 — 2022.

ART SCHOLARSHIP

Full art scholarship at Avenue Art Roads School for 5 years — 2016 - 2021.

MUSIC

Completed RCM Level 8 Violin and RCM level 9 piano.

TRACK AND FIELD:

[September 1st, 2021 – December 8th, 2023](#)

- Varsity Track and Field Athlete and High Performance Track Athlete for University of Toronto Track Club. Top 50 ranked in Canada in 2023 for U20 high jump and 400 m. Top 200 ranked in 2023 for U20 100 and 200 m.
- Currently rehabbing from multiple hamstring tears with hopes of competing again.

NETWORK DAYCARE SUPPORT STAFF / TEACHER - Toronto, ON

[June 29th - September 3rd, 2022](#)

- 160 hours working with daycare preschoolers.

ELECTIONS ONTARIO INFORMATION ASSISTANT - Toronto, ON

[June 2nd, 2022](#)

- Greeted, directed, and assisted electors at a voting location.

YEARBOOK HEAD DESIGNER - Bloor Collegiate, Toronto, ON

[2020 - 2022](#)

- Lead and executive head designer of BCI's 2021-2022 yearbook.
- Helped organize the team, designed multiple pages, and ensured the team met deadlines.

Track and Field - Toronto, ON

[2021, 2022 - Present](#)

- University of Toronto Varsity Track athlete (top 50 nationally 2023), 8 hour weekly commitment.

VOLUNTEERING EXPERIENCES - 147 Hours Total

SCIENCE VOLUNTEERING - Winona Drive SR. PS, Toronto, ON

[2018, 2020, 2021, 2022](#)

- Created science assessments, gathered science labs, and made teaching resources for Winona Drive Public School's Science Department while helping students one-on-one with questions.

OTHER

MUSIC - Toronto, ON

[2013 - Present](#)

- RCM piano level 10, RCM violin level 8. flute hobbyist.
- Former concertmaster and first violinist in the *Mooredale Senior Orchestra*, and currently enjoying music as a hobbyist.