Danny Han

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PROFESSIONAL SKILLS

- **Technical Foundation**

  Python, R, C/C++, Assembly, JavaScript, React; able to learn new tools and systems quickly.

- **Analytical Problem Solving**

  Break down complex problems via statistical methods to develop effective solutions.

- **Data-Driven Thinking**

  Use data, metrics, and feedback to evaluate performance and impact.

- **Clear Communication**

  Explain technical concepts clearly to both technical and non-technical stakeholders through written, verbal, and visual formats.

- **Collaboration & Relationship Building**

  Work effectively with others by listening carefully and adapting to different perspectives.

- **Ownership & Reliability**

  Take responsibility for outcomes and maintain high standards of quality.

PORTFOLIO

https://code-of-toad.github.io/

EDUCATION

University of Toronto - Mississauga

HBSc, Applied Statistics (with minors in Computer Science & Mathematical Sciences)

Expected Graduation: September, 2026

WORK EXPERIENCE

Tutorax - *Mississauga, ON*   December 2022 - October 2025
Math Tutor
Customized lessons and visual aids to enhance student engagement and performance.

- **Improved student grades by 15–30% on average** through customized lesson plans and targeted practice aligned with individual learning gaps.

- **Maintained 95%+ parent satisfaction** through consistent communication, progress reports, and performance tracking.

- **Enhanced student understanding** by incorporating humour, visual aids, structured problem breakdowns, and interactive explanations.

- **Supported multiple students per term across multiple grade levels**, adapting instruction styles to diverse learning needs and pacing.

Mathnasium: The Math Learning Center - *Mississauga, ON*   January 2023 - March 2023
Math Instructor
Used visuals and interactive methods to improve math comprehension and retention.

- **Increased student test scores by 10–25%** through the use of visual learning tools, hands-on activities, and guided problem solving.
- **Identified and closed key learning gaps in 80%+ of assigned students** via regular assessments and targeted feedback.
- **Improved student retention and engagement by 20%** by fostering a structured yet encouraging learning environment.
- **Boosted student confidence as reflected in consistent positive feedback from parents and students**, particularly among struggling learners.
- **Delivered instruction to multiple students simultaneously** while maintaining individualized attention and progress tracking.

VOLUNTEER EXPERIENCE

STEM Fellowship - *Mississauga, ON*   January 2024 - PRESENT
Manuscript Grader

- Evaluate student manuscript submissions using the provided rubrics and review forms.
- Give students personalized feedback on their scientific thinking and rigour.
- Coordinate with the Data Science Committee of STEM Fellowship to ensure timely reviews.

University of Toronto - *Mississauga, ON*   September 2024 - April 2025
UTM Library Ambassador

- Host events held on campus and in the library for students and community members.
- Provide in-person library tours for prospective students and community members.
- Host de-stressor events before exam season, including therapy dog sessions.

Canada FBLA - *Toronto, ON*   February 2024
Preliminary Judge

- Judged coding projects at the National Leadership Conference (CNLC) competition.
- Attended mandatory training session.
- Maintained professionalism through business-formal dress code and demeanour.

LANGUAGE COMPETENCIES

- English: native proficiency (speaking, reading, writing)
- Korean: native proficiency (speaking, reading, writing)