

# Danny Han

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## PORTFOLIO

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

## PROFESSIONAL SKILLS

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- **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.

## EDUCATION

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*University of Toronto - Mississauga*

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

Expected Graduation: September, 2026

## WORK EXPERIENCE

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**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**

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**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**

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