



DANIEL JUNG

Honours Mathematics – 1B
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 Github

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SUMMARY

- Hard-working, responsible, and dedicated Mathematics student at the University of Waterloo.
- Excellent leadership and communication skills gained from experience in large and small groups.

SKILLS

Computing: Python, Java, JavaScript, HTML, CSS, \LaTeX , Excel

Languages: **English** - Native, **Korean** - Native




EDUCATION

- 9/2023 – Present **Candidate for B.Math in Honours Mathematics** **University of Waterloo**
- **Courses:** Introduction to Actuarial Practice, Introduction to Microeconomics, Introduction to Computer Science 2 (Python), Designing Functional Programs
 - **Clubs:** Member of the University of Waterloo Actuarial Sciences Club, Member of the University of Waterloo Chamber Choir
- 7/2024 **Exam P** **University of Waterloo**
- Sitting for Exam P in July 2024

EXPERIENCE

- 9/2022 – 6/2023 **Choral Ensemble Section Leader** **North Toronto Collegiate Institute**
- Led the Bass section in the choral ensemble and provided an example for other music students to uphold the distinction of the music program.
 - Held weekly sectional rehearsals and learned pieces in advance to teach vocal students outside of regular ensemble rehearsals.
 - Organized files, took attendance, and wrote biweekly reports on students' progress to assist the vocal teacher.
- 9/2021 – 1/2023 **Tutor** **Toronto, ON**
- Tutored senior-level mathematics in high school and raised a student's math grades by 12%.
 - Held lessons twice a week and reviewed topics in advance to create organized lesson plans and ensure effective learning.
 - Communicated regularly with tutees to arrange for time conflicts and updates on course material.

PROJECTS

- Programming/
Web Development **2048**  **Github**
- An implementation of the popular game 2048 using HTML, CSS, and JavaScript. Players can use the up, down, left, and right arrow keys to push blocks around and combine them.
- Programming **Currency Converter**  **Github**
- Currency converter built using Python along with a live API that provides exchange rates for over 160 currencies. The graphical user interface (GUI) is built using the Tkinter library, making it user-friendly and accessible.
- Web Development **Personal Website**  **Github**
- Clean, modern website built using HTML, CSS, and JavaScript. It features a navigation bar, a drop-down menu, and a visually appealing home section. The layout is responsive, ensuring a seamless experience across different devices.

AWARDS

- 6/2023 **David J. Tyrrell Award for Vocal Music** **North Toronto Collegiate Institute**
- The award is given to a student in the graduating class. The winner of the award is chosen by the teacher of vocal music on the basis of outstanding contribution to the extra-curricular music program.
 - Earned after 4 years of dedication, leadership, and hard work toward the music program.