

Clement Yung

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<https://clementyung.github.io>

Education

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| 2022 - Present | Doctor of Philosophy (Mathematics) | University of Toronto (UofT) |
| 2018 - 2022 | Bachelor of Science, Highest Distinction (Mathematics) | National University of Singapore (NUS) |

Research Interests

Set theory, infinitary combinatorics, topological Ramsey spaces.

Research Experience

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| Sep 2022 - Present | Dissertation Currently studying the combinatorics of a special class of Ramsey spaces. Supervisor: Asst. Prof. Spencer Unger |
| May 2021 - Mar 2022 | Honours Thesis: <i>Diagonalisation Forcing with Infinite Block Sequences</i> Introduced a variant of diagonalisation forcing by Neeman-Norwood for infinite block sequences. Supervisors: Asst. Prof. Spencer Unger, Prof. Yang Yue |

Awards

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| 2022 | UofT | <i>Blyth Fellowship</i> Awarded to incoming graduate students who exhibited excellent academic record. |
| 2022 | NUS | <i>Leong Teng Kiang Memorial Prize in Mathematics</i> Awarded to the best student in BSc Mathematics in the graduating batch of AY2021/22. |
| 2022 | NUS | <i>Lijen Industrial Development Medal</i> Awarded to the best academic project (MA4199 Honours Project in Mathematics) in Mathematics in AY2021/22. |
| 2022 | NUS | <i>SPM Book Prize</i> |

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| | | Awarded to the best student in Special Programme of Mathematics in the graduating batch of AY2021/22. |
| 2019 - 2021 | NUS | <i>Dean's List</i> Awarded to top 5% of the total undergraduate Science students for Academic Year 2019/20 and 2020/21, for both Semesters 1 and 2. |
| 2020 | NUS | <i>Tan Teck Chwee Prize</i> Awarded to the best student in Mathematics III for Academic Year 2019/20. |
| 2020 | NUS | <i>Honor List of Student Tutors</i> Awarded to student tutors who have attained this excellence during their course of teaching for Academic Year 2019/20. |
| 2018 - 2021 | SMMC | <i>Simon Marais Mathematics Competition (SMMC) - Top Quartile</i> Participated in the yearly SMMC, and attained 85 th , 93 th , 89 th (doubles) in the years 2018, 2019, 2020 respectively. |
| 2018 | NUS | <i>NUS Merit Scholarship</i> Awarded to incoming students with outstanding academic and co-curriculum records. Provides full coverage of tuition fees along with yearly allowance. |

Teaching Experience

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| AY22/23 Fall | UofT | <i>MAT133 Calculus and Linear Algebra for Commerce</i> |
| AY22/23 Fall | UofT | <i>MAT223 Linear Algebra</i> |
| AY19/20 Semester 2 | NUS | <i>CS1231 Discrete Structures</i> Teaching Feedback Score: 4.2/5.0. |
| AY19/20 Semester 1 | NUS | <i>CS1231 Discrete Structures</i> Teaching Feedback Score: 4.8/5.0. |