

Toby Lam

Student

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Education

- 2021–2025 **MMath**, *Balliol College, University of Oxford*, United Kingdom.
2015–2021 **HKDSE**, *St. Joseph's College*, Hong Kong.

Scholarships

- 2021 **St. Joseph's College Scholarship for Overseas Studies**.
100,000 HKD

Leadership Experiences

- 2019–2020 **Internal Secretary**, *Joint School Mathematics Society*, Hong Kong.
2019–2020 **President**, *Mathematics Society, St. Joseph's College*, Hong Kong.
Invited 4 post-graduates / professors to deliver talks
Wrote 30 pages on a mathematics journal targeted at secondary school students

Academic Experiences

Mentorship Programmes

- 2021 - **Global Talent Mentoring Scheme**.
current Mentored by Dr. Krishanu Maulik, Indian Statistical Institute

Courses by Hong Kong Academy for Gifted Education

- 2021 **Quantum Mechanics**.
2021 **Taster Programme on Quantum Computing**.
2020 **Introduction to Cryptography**.
2020 **Linear Algebra**.
2020 **Foundations of Coding Theory**.

Enrichment Programme for Young Mathematics Talents (Summer Courses)

- 2020 **Understanding Non-Euclidean Geometry**, *Chinese University of Hong Kong*.
2019 **Towards Differential Geometry**, *Chinese University of Hong Kong*.
2018 **Towards Modern Algebra**, *Chinese University of Hong Kong*.

Awards

- 2020 **1st Place**, *71st Hong Kong Schools Speech Festival - English Public Speaking*.
2019 **Overall Champion**, *52nd Joint School Science Exhibition*, Hong Kong.
Featured in press such as SCMP, HKEJ

Qualifications

- 2020 **IELTS 8.5/9.0**.