

LAM, KA HIN TERRY (林嘉軒)

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EDUCATION

Postgraduate Diploma of Education, The Education University of Hong Kong

- Major in Mathematics, Part-time

Sep 19 – Now

Bachelor of Science in Mathematics (Computer Science Track), The Hong Kong University of Science and Technology

- *Major Subjects:* Teaching Science using Innovative Tools (A-), Internet Computing (A+), Capstone Project in Applied Mathematics (A-), Multimedia Computing (A-), Mathematics Problem Solving (B+), Geometric Construction (B)

Sep 15 – Jul 19

Ulsan National Institute of Science and Technology (Summer Exchange), South Korea

Jun 18 – Jul 18

T.W.G.Hs. Lo Kon Ting Memorial College

- *HKDSE: Level 5* in Mathematics*

Sep 09 – May 15

TEACHING EXPERIENCE

St. Catharine' School for Girls

Teaching Assistant in Mathematics and Science

Sep 19 - Now

- Teaching F.1 Integrated Science in English (Subject Teacher with 4 teaching periods)
- Teaching F.1-F.3 Mathematics Strengthening Classes
- Teaching Mathematics Competition Class (Olympiad Mathematics)
- Preparing F.2 Scientific Investigation Materials and F.1-6 Mathematics Materials

Enrichment Program for Gifted Learners, The Center for the Development of The Gifted and Talented, HKUST

Aug 19

Teaching Assistant / Course writer: Nobel Prizes in Physics that Shaped Our World

Jul 19

Teaching Assistant: Programming Fun with mBot x Scratch

Dual Program, The Center for the Development of The Gifted and Talented, HKUST

Teaching Assistant / Substitute Instructor: Pre-Stage Physics (College Calculus and Algebra)

Nov 17 – Apr 19

Teaching Assistant: Level 2 Physics (University Introductory Level Physics)

Nov 18 – Apr 19

- Prepared learning materials, conducted tutorials and lectures for a class of 30–80 gifted students
- Graded the assignments and final examination / the screening test for Level 1 Physics Course

Academic Mentor: Mathematics Pre-stage (Pre-Calculus) and Level 1 (University Calculus)

Nov 16 – Apr 19

Kids@UST Program, The Center for the Development of The Gifted and Talented, HKUST

Senior Instructor / Intern: Kids@UST STEM Science and Mathematics Workshop

Nov 15 – Now

Topics: Electricity, Lens, Acid and Bases, Common Salts, DNA and Genes, Numbers, Geometry, etc.

- Designed and conducted experiential workshops for Primary 4-6 students
- Managed workshop logistics and materials

Summer Institute, Office of the Dean of Students, HKUST

Teaching Assistant: **Physics in everyday life** (SISP1105) & **Physics in Movies** (SISP1111)

Aug 17, 18, 19

- Conducted lectures via the uses of movies
- Learnt how to give recommendations and comments for the essays and projects

T.W.G.Hs. Lo Kon Ting Memorial College

Tutor: F.4 Math Extended Module 2 Tutorials (Examination-oriented Class)

Oct 17 – May 18

- Prepared quizzes and mock examinations contribution to daily marks
- Conducted 70+ weekly tutorials (*Student feedback questionnaires: 90% Good / Very good*)

Course Instructor: Junior Form Mathematics Olympiad Training Courses

Oct 16 – May 18

Course Instructor: F.2 School-based Mathematics Course

Oct 16 – May 18

WORK EXPERIENCES

School of Science, HKUST

Student Ambassador

May 17 – May 19

- Conducted student sharing sessions for Information Days and Promotion Events
- Provided assistance in admission interview days

Underwater Robot Competition, HKUST

Student Helper

Mar 18 – May 18

Purchasing Office, HKUST

Part-time Student Helper

Feb 17 - May 17

- Performed admin works: Prepared quotation docs and sent invitations using mail merge software
- Designed online system for departments providing feedback for quotation work

Mathematics Students' Society, HKUSTSU

General Secretary

Feb 16 – Apr 17

The 57th International Mathematics Olympiad (IMO)

Student Helper and Team guide

Jul 16

- Provided assistance to the arrival teams in the restricted area of the airport
- Invigilated the contest and escorted the team to excursion

EXAM QUALIFICATION

Pearson LCCI International Qualifications – Bookkeeping and Account Level 1&2	Distinction	Jun 14
Certificate of Proficiency in Putonghua	Pass in all papers	Jul 13

COLLEGE SERVICES (T.W.G.Hs. Lo Kon Ting Memorial College)

Mathematics Society (<i>Chairperson</i>)	Sep 13 – Aug 14
Students' Association (<i>Gen. Sec.</i>)	Sep 13 – Aug 14
Putonghua Society (<i>Fin. Sec.</i>)	Sep 13 – Aug 14

SKILLS

Language	Proficiency in Mandarin, Native Cantonese and Fluent in written and spoken English
Computer	Object-oriented Programming (C++, Python) Coding (Matlab, Visual Basic (Application)) HTML, JavaScript, XML, Bootstrap, jQuery, SVG, JSON, SQL query, Latex, Google App Script Microsoft Offices, Multimedia Processing (Audio, Image, Video)
eLearning	Google Classroom, Canvas, Moodle, Zoom, mBot, MicroBit