

Fengxing WEI

| T - (+852) 9411 7139 | E - fxwei@connect.ust.hk | G - <https://github.com/fxwei> |

EDUCATION	<u>The Hong Kong University of Science and Technology (HKUST)</u> M.Phil. in Industrial Engineering and Decision Analytics 2022 - (2024) <ul style="list-style-type: none">• Supervisor: Professor CHEN Ying-Ju B.Sc. in Mathematics 2018 - 2022 <ul style="list-style-type: none">• Concentration: Statistics and Financial Mathematics• First Class Honors (CGA: 3.632/4.3, Major CGA: 3.902/4.3)• Minor in Actuarial Mathematics, Information Technology
SPOKEN LANGUAGE	<i>Mandarin</i> : Native <i>English, Cantonese</i> : Fluent
COMPUTER SKILL	<i>R, L^AT_EX, Python, C++, HTML, CSS, JavaScript, PHP, Office</i>
EXPERIENCE	<i>Student Helper</i> , Math Support Center Sept. - Nov. 2021 Department of Mathematics, HKUST <ul style="list-style-type: none">• Provide assistance on homeworks, exams, and/or general course materials to students in various backgrounds taking fundamental undergraduate math courses, including Calculus I-III, Linear Algebra, Probability and Statistics. <i>Puzzle Designer</i> , 33IQ Feb. - Mar. 2020 Shanghai Jichuang Information Technology Co. Ltd. <ul style="list-style-type: none">• Contributed IQ puzzles to a Chinese brain-training platform “33IQ”. The contributed puzzles can be found through the following links:<ul style="list-style-type: none">– https://www.33iq.com/member/question/176696/– https://www.33iq.com/member/question/176099/• As of Nov. 2022, the 112 contributed puzzles have accumulated more than 60,000 user attempts. <i>Internal Secretary</i> , Session 2019 - 2020 Apr. 2019 - July 2020 Film Society, HKUSTSU <ul style="list-style-type: none">• Person-in-charge of preparing the Society’s emails and annual administrative documents (i.e. Society’s Year Plan and Annual Report). <i>Executive Committee Member</i> , Math and Science Society Sept. 2015 - June 2017 Kiangsu-Chekiang College, Hong Kong <ul style="list-style-type: none">• Person-in-charge of the intra-school Math and Science Competition in year 2016 & 2017, question designer for the Math Section.
AWARD	<i>Finalist</i> , The Mathematical Contest in Modeling (MCM) 2021 Feb. 2021 The Consortium for Mathematics and Its Applications (COMAP) <ul style="list-style-type: none">• The team proposed mathematical models for predicting the spread of Asian Giant Hornets, and for conducting preliminary analyses on their detection reports from the citizens.• There were 10053 teams participated in MCM 2021, where 284 teams were being designated as the Finalist Winners.

Dean's List, HKUST
School of Science, HKUST

Fall 2019, Fall 2020, Fall 2021, Spring 2022

- Obtained at least 3.7 in TGA in the above semesters.

Outstanding Performance, Dual Program (Level 1 Mathematics) Oct. 2016
The Center for the Development of the Gifted and Talented (CDGT), HKUST

- A program that provides secondary-school students an opportunity to study subjects of their interests at university level and in an accelerated pace. The "Level 1 Mathematics" aspect has a syllabus analogous to a typical Calculus I.
- There were 254 students participated in Dual Program (Level 1) 2016, where 8 students were being awarded with Outstanding Performance.

SCHOLARSHIP *JUPAS Scholarship* Sept. 2018
School of Science, HKUST

- Obtained Level 5** in the Hong Kong Diploma of Secondary Education Examination (HKDSE) - Mathematics Extended Part (Calculus and Statistics).

Sir Edward Youde Memorial Prizes Feb. 2018
Sir Edward Youde Memorial Fund

- Encouragement on achieving a high standard of learning abilities and developing leadership qualities during the preceding academic year.

AFFILIATION *Alumni* Oct. 2017 - Present
Student Member June 2015 - Oct. 2017
The Hong Kong Academy for Gifted Education (HKAGE)

FIDE Member Feb. 2017 - Present
International Chess Federation

- Current FIDE Ratings: Standard 1631 / Rapid 1700 / Blitz 1703

Last update: 23rd Nov, 2022