

Fengxing WEI

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

EDUCATION	The Hong Kong University of Science and Technology (HKUST)	
	M.Phil. in Industrial Engineering and Decision Analytics	2022 - (2024)
	• Supervisor: Professor CHEN Ying-Ju	
	B.Sc. in Mathematics	2018 - 2022
	• Concentration: Statistics and Financial Mathematics	
	• First Class Honors (CGA: 3.632/4.3, MCGA: 3.902/4.3)	
	• Minor in Actuarial Mathematics, Information Technology	
SPOKEN LANGUAGE	Mandarin: Native English, Cantonese: Fluent	
COMPUTER SKILL	R, \LaTeX , Office, C++, Python, HTML, CSS, JavaScript, PHP	
EXPERIENCE	Student Helper, Math Support Center	Sept. - Nov. 2021
	Department of Mathematics, HKUST	
	• 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.	
	Puzzle Designer, 33IQ	Feb. - Mar. 2020
	Shanghai Jichuang Information Technology Co. Ltd.	
	• Contributed IQ puzzles to a Chinese brain-training platform “33IQ”.	
	• As of Oct. 2021, the 112 contributed puzzles received approximately 59,000 user attempts in total.	
	Internal Secretary, Session 2019 - 2020	Apr. 2019 - July 2020
	Film Society, HKUSTSU	
	• Person-in-charge of preparing the Society’s emails and annual administrative documents (i.e. Society’s Year Plan and Annual Report).	
	Executive Committee Member, Math and Science Society	Sept. 2015 - June 2017
	Kiangsu-Chekiang College, Hong Kong	
	• Person-in-charge of the intra-school Math and Science Competition in year 2016 & 2017, question designer for the Math Section.	
AWARD	Finalist, The Mathematical Contest in Modeling (MCM) 2021	Feb. 2021
	The Consortium for Mathematics and Its Applications (COMAP)	
	• 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	Fall 2019, Fall 2020, Fall 2021, Spring 2022
	School of Science, HKUST	
	• 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: 18th Nov, 2022