

EDUCATION

2021 Sep - 2025 Jul	Bachelor's Degree (HK) - Biomedical Engineering <i>The Chinese University of Hong Kong (CUHK)</i> ★★ First Class Honour (cGPA: 3.579/4.0)	<ul style="list-style-type: none"> • <u>Dean's list</u>, Faculty of Engineering (2021-2022 & 2022-2023) • Outstanding Achievement Award Scholarship, BME (2021-2022) • <u>Specialisation Stream: <i>Molecular, Cell, and Tissue Engineering</i></u>
2024 Jan - 2024 Jul	Academic Exchange (UK) - Affiliate: Biochemical Engineering <i>University College London (UCL)</i> ★★ Average: 74.3% (A)	<ul style="list-style-type: none"> • Inorganic Chemistry for Engineers - (<u>Quantum orbitals</u>) • Biochemistry and Molecular Biology - (<u>Genetic engineering</u>) • Biochemical Engineering Processing and Design - (<u>Fluid dynamics</u>)

STEM TEACHING EXPERIENCES

Please feel free to view my teaching materials here: <https://cck.wtf/portfolio/stem>

Year	Event	My Role	Size
2025 - Present	Freelance - STEM classes teaching <i>Multiple companies × Primary & Secondary schools</i>	<ul style="list-style-type: none"> • Teaching STEM classes as a freelancer 	
2025	AI racing workshop <i>AI Summer Camp - CUHK × ITSC</i>	<ul style="list-style-type: none"> • <u>Wrote a neural network AI racing app</u> (https://cck.wtf/racing-ai) • Created teaching materials 	40 participants
2025	Catapult workshop <i>InnoCarnival - CUHK × HKSTP</i>	<ul style="list-style-type: none"> • Created teaching materials • Mentored tutors 	400+ participants 50+ sessions
2025	Hydraulic crane workshop <i>InnoCarnival - CUHK × HKFYG</i>	<ul style="list-style-type: none"> • Created teaching materials 	30+ participants 2 classes
2025	DIY vacuum cleaner workshop <i>HK SciFest - CUHK × HK Science Museum</i>	<ul style="list-style-type: none"> • <u>Designed the DIY STEM kit</u> • Created teaching materials • Built <u>physical theory demonstrations</u> 	100+ participants 4 classes
2025	Micro:bit hovercraft workshop <i>STEM tutor programme - CUHK × Primary schools</i>	<ul style="list-style-type: none"> • Mentored secondary student tutors 	50+ students 4 classes
2023 - 2025	VEX IQ robotic tournament <i>HK Tech Challenge Game - CUHK × Asian Robotic League</i>	<ul style="list-style-type: none"> • Acted as <u>panel judge & referee</u> 	
2023 - 2025	VEX IQ robotic workshop <i>CUHK × MakerSpark</i>	<ul style="list-style-type: none"> • STEM experience classes (in-school) • Competition preparation classes 	25+ classes
2023	VEX IQ robotic football game <i>InnoCarnival - CUHK × HKSTP</i>	<ul style="list-style-type: none"> • <u>Designed & built</u> a robot football game 	

LEADERSHIP AND EXTRACURRICULAR ACTIVITIES

2022 Feb - 2023 Jan	Biomedical Engineering Society, CUHK <i>Secretary & Chung Chi College Representative</i>	<ul style="list-style-type: none"> • Managed all internal documents of the society • Handled all external communications • Organised numerous academic-focused & student-focused events • Designed <u>~50% of society materials</u>, including souvenirs, social media promotion posts, and business cards • <u>Hosted</u> freshmen orientation day and camp, & acted as group “parent”
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AWARDS

2023 - 2024	International Genetically Engineered Machine (iGEM) Competition (Gold Medal) <i>Hosted by the iGEM Foundation</i>
2021 - 2022 & 2022 - 2023	Dean's List Certificate <i>Awarded by CUHK: Faculty of Engineering (CUHK FoE)</i>
2021 - 2022	Biomedical Engineering Outstanding Achievement Award & Scholarship <i>Awarded by CUHK: Department of Biomedical Engineering (CUHK BME)</i>
2024 - 2025	Swire Group Staff Hong Kong Scholarship <i>Hosted by John Swire & Sons (H.K.) Limited</i>
2019 - 2020	Hong Kong Biology Literacy Award (Merit) <i>Hosted by the Hong Kong Association for Science and Mathematics Education</i>
2019	International Biology Olympiad (IBO) - Hong Kong Contest (Bronze Award) <i>Hosted by the International Biology Olympiad e.V. (IBO)</i>
2019	Computer App Programming Competition (Bronze Prize) <i>Hosted by the Hong Kong Polytechnic University (PolyU)</i>