

# Edward CHEUNG Tsz Hong

9229 5043 • echeungab@connect.ust.hk

## Education Background

<b>The Hong Kong University of Science and Technology (HKUST)</b>	2023 – Present
Bachelor of Engineering (Major in Aerospace, with Extended Major in AI) and Bachelor of Business Administration, CGA: 3.95/4.30	
<b>Po Leung Kuk Choi Kai Yau School (PLKCKY)</b>	2011 – 2023
International Baccalaureate: 42/45, IGCSE: 9A*/A (Top in HKG in Int'l Maths)	

## Work, Research & Student Consulting Experience

UG Halls Printer Team (ITSC Student Internship), HKUST	Sep 2024 – Present
- Provide repairs, administrative and technical support of the 5 hall printers used by 2000+ hall residents.	
Undergraduate Research Opportunities Program, HKUST	Jun 2024 – Present
- Wrote two reports under Prof. FU Lin on Aerodynamic flow simulations using SU2 software.	
Meta LLM for Digital Transformation of Viu International	Sep 2024 – Dec 2024
- As a team of 6, created and pitched a RAG LLM to assist in auto-generating text and image push notifications for targeted segments in HK using Meta LLM 3, getting 2 <sup>nd</sup> place.	
- Apply McKinsey consulting methodology for a digital transformation of target marketing.	
Prototyping & Research Project for AECOM	Jun 2024 – Aug 2024
- With a team of 4, proposed and pitched smart HVAC technology to cut 20% of CO <sub>2</sub> emissions	

## Certificates, Awards, and Achievements

Participation in the First Pitch as Team 103 – Pentagon ( <i>Cathay Hackathon</i> )	Nov 2024
- Collaborated in a team of five to design, create, test, and pitch a RAG LLM tool and web interface that delivers rightly timed personalized push notifications to promote experiences before, during, and after local & international trips based on behavioural and demographic data informed user preferences.	
Honourable Mention ( <i>Interschool ESG Report Competition</i> )	Jun 2023
Best Innovation Award ( <i>AIoT Coding, Engineering &amp; Entrepreneurship for the Gifted</i> )	Mar 2023
First Division Merit ( <i>GBA Mathematical Olympiad National Final</i> )	Oct 2022

## Student Leadership Experience

Engineering School Ambassador, HKUST	Sep 2024 – Present
- Reception Service for the School of Engineering in HKUST Info Day to 55,000+ visitors.	
- Reel production to promote School of Engineering and the T&M-DDP program (In Progress).	
- Build rapport in a 2-day team survival camp with 70 other ESAs.	
Cluster Coordinator, HKUST UG Hall 9	Sep 2024 – Present
- Organise regular events and gatherings for 300+ hall residents with a team of 50 other CCs.	
- Regular meetups with hall neighbours to check on their mental wellbeing.	
Chairperson, (Ex. HKUST External Vice President), ASME HK Student Session	May 2024 – Present
- With IMechE & HKIE, organise & invite 185 schools to join the Young Inventor Competition.	
Head Representative, 11th Serving PLKCKY Alumni Association Committee	Jun 2023 – Present
Executive Director, PLKCKY School Hackathon Competition	Mar 2022 – Jul 2022

## Enrichment Activities

Member, 62 <sup>nd</sup> Kowloon Group Venture Scouts Troop	Aug 2022 – Present
- Attaining “Self-reliance”, “Responsibility”, “Activity”, “Exploration” badges with 11 members.	
- Prepared proposals for activities e.g. backwoods cooking, pioneering as committee secretary.	
- Collaborated with 25+ scouts to do 30h+ of meal box distributions & festive dinners community service for 300+ elderly Shum Shui Po locals.	
Member, The IET Hong Kong Students Section	June 2024 – Jan 2025
- Connected with over 50 students and 10+ mentors working in the engineering industry.	
- Exchanged ideas facilitated by a mentor in the aerospace & eVTOL industry to discuss commercialisation of UAV & eVTOL technology to kickstart HK’s low-altitude economy in regular in-person dinner gatherings.	
Member, Impact + Community Programme Graduate	Feb 2024 – Apr 2024
- Understand teamwork styles & navigate team dynamics in a full day land & kayak challenge.	

## Skills

Languages:	Native in Cantonese, Fluent in Written & Spoken English and Mandarin
Thinking:	California Critical Thinking Skills Test: 30/34 (Above 99 <sup>th</sup> percentile)
Technical:	Gmsh & SU2 (Computational Fluid Dynamics), Familiar with Davinci Resolve (Media Production), Microsoft Access (Database), Adobe Dreamweaver (Website Creation)