

# Outstanding Student, Faculty of Engineering 2020



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It is a great honour for me to be selected as the Outstanding Student of the Faculty of Engineering. Looking back on my four years of studies at PolyU, I would like to express my heartfelt gratitude to PolyU for providing me with numerous resources and chances, which shaped me into the person I am today. Taking this opportunity, I would like to share the ups and downs I encountered during my studies in PolyU and how PolyU has supported me along the way.

Practical training and experience are crucial for each and every engineering student, simply by memorizing the knowledge taught in lectures is definitely not sufficient. Thanks to the Faculty of Engineering and Interdisciplinary Division of Aeronautical and Aviation Engineering (AAE), which organized various of engineering educations to their students through Industrial Centre (IC) lessons and trainings. This allowed us to gain practical experience through “getting our hands dirty” while we dealt with different engineering facilities, tools etc. At the same time, it provided us with a decent chance to meet and interact with engineering experts in IC. I acquired various techniques, such as welding and wiring, which I was able to apply them in different tasks and assignments.





In addition, the courses and trainings offered by AAE also allowed me to gain first-hand knowledge in assembling flying machines which has broadened my horizons in the field of Aeronautical Engineering. In one of the AAE courses that I enrolled in, my groupmates and I were tasked to assemble and build a quadrotor. Although we faced different technical problems, yet we still managed to complete the task and fly the quadrotor remotely. This was the very first time that I ever assembled and built a flying machine by myself and no words would be good enough to describe the level of happiness we had at that moment when we witnessed the quadrotor successfully took off. All these trainings and experiences have helped me to build a solid foundation for my career path in the aviation engineering and maintenance industry.

One of the memorable learning experiences was working as an Engineering Intern in Cathay Pacific Airways (Bangkok Station), where I gained valuable experience and insight into the aircraft maintenance, repair and overhaul industry. During the time I was there, I was guided by experienced engineers and mechanics, who came from different parts of the world such as Japan, Taiwan and Thailand, to carry out various engineering tasks including repairing cabin defects, changing aircraft components (e.g. taxi light, igniter of engine). Besides having a better insight into the daily life of an aircraft engineer and mechanic, this internship program also provided me with a golden opportunity to apply both the soft and hard skills that I have learned in my first two years of studies to real-life situations. Apart from work, my Hong Kong friends and I cemented a good relationship with other Thai interns working in Cathay Pacific Airways. They brought us to different top-rated sightseeing spots and key tourist attractions when they had their day off. We deeply appreciated their generosity and hospitality in taking good care of us during our stay in Bangkok and enjoyed the quality time we spent together.



Speaking of service experience, I was fortunate enough to cooperate with 4 other PolyU students and Conservation International, a famous Non-Governmental Organization in Hong Kong, to organize a mini-exhibition in PolyU to advocate the importance of ocean conservation. In this exhibition, we integrated the use of Virtual Reality (VR) into it so as to provide a higher degree of realism to participants so that they could better visualise and have a more in-depth understanding towards the current situation in the ocean. This service experience made me realize the importance of ocean conservation and every one of us is responsible for protecting the ocean. Furthermore, if I want to influence or change other's behaviour towards environmental conservation, my personal attitude and behaviour have to be changed first. This also inspired and urged me to think of what an aviation engineering student can do to help protect the environment.

As one of the scholarship recipients of the "Dr Ng Tat-lun Memorial Scholarship", Dr Ng's strong determination in pursuing life-long learning has reminded me that learning is an endless process and we should be a person who always thirst for knowledge such that we can make positive changes to our society. This motivated me to start my own journey of pursuing life-long learning. At the same time, it also inspired me to ask myself the question - "Why am I learning?"

Last but not least, I would like to express my deepest gratitude to PolyU, Faculty of Engineering and AAE again for providing me with various opportunities and supports throughout my studies. At the same time, a big thank you to my parents and friends who have accompanied me to walk through this challenging yet rewarding university journey.

