



It is my honour to be selected as the Outstanding Student of the Faculty of Engineering. No one would have believed that I could get an outstanding student award four years ago. PolyU has changed me a lot.

Four years of university education is more than just about studying. To enrich my university life, I have participated in student organizations, international academic exchange, research programs, internships, and competitions. Although it took a great deal of effort to keep the balance between maintaining my academic results and taking on roles in various organizations, it was truly worth it .

As an engineering student, I have joined the Engineering Club under the Department of Electrical Engineering since my freshman year. To further expand my exposure to different engineering knowledge and technical skills, I participated in international underwater robot competitions. In addition to learning technical skills through participation in these competitions, I have also made friends who shared my interests and aspirations in the team. We spent nights in the laboratory to figure out new methods for achieving the goals and tasks set by the organizer. With passion as our motivation, it was really an enjoyable time to spend those stressful sleepless nights with laughter. Working with the Team has definitely added a different flavour to my university life and given me some unforgettable experiences that worth cherishing.



Serving the society is a civic responsibility of all citizens. To put this into practice, I joined the "University YMCA (PolyU)" in year 2. Uni-Y is a student association with a mission of "To serve not to be served". I helped to organize various services and activities such as elderly visits, services for visually impaired, sugar painting workshops etc.

I have also served the Hong Kong Institution of Engineers Student Chapter(HKIESC) – PolyU and served as the Chairman in year 2. We organized different events and activities for our engineering student members to broaden their perspectives of the field and helped them explore their potential and decide their future career path. I was glad to be a part of the HKIESC. I gained opportunities not only in organizing large-scale activities with students from different universities, but also meeting experienced engineers in Hong Kong in the activities held by the HKIE Headquarter. More importantly, I brought in innovative elements during the time I held the office. We organized an electrical installation inspection service program, aimed at helping singleton elderly or low-income families to check the safety of their domestic electricity system and appliances. We promoted the passion and commitment of serving the society among engineering students. Students also learned practical knowledge and skills about electrical appliances through this program.

I was lucky to have many opportunities to go abroad during these four years. Apart from participating in competitions in Singapore and America, I also took up a research internship at Tohoku University in Japan in the year 2 summer. I was assigned to a project about developing a Brain-Computer Interface (BCI) and I was responsible to build a prototype which used a drone to represent the left-brain activity. When high left-brain activity was detected, the drone will fly up, and vice versa. Teaming up with four year-3 bachelor degree students at Tohoku University, we divided into two teams at the beginning, the coding team and sensor team. I oversaw the coding for data receiving and drone control. Finally, the product was demonstrated in a technology exhibition, CEATEC JAPAN 2018.



During my year 3, I went to Canada for academic exchange at the University of Waterloo. I made friends from different countries like Singapore, Canada and Norway. We travelled around Canada and had so much fun together during the half-year there. Besides exploring the country, I also gained knowledge about quantum technology in that semester, which was really eye-opening to me as I have never thought that quantum mechanics could be applied that way.



Last summer, I worked as a research intern at McGill University. I was responsible for designing different systems inside the automatic stem cell generator, which included the power system, temperature system, humidity system, CO2 system, imaging system and wireless control system. Combining systems for incubating cell culture was a challenging task as many factors influenced each other. After many trials and experiences, we have successfully built a prototype from scratch at the end of the summer.

Last but not least, I would like to take this opportunity to express my sincere gratitude to PolyU(especially EE and AP Department) and The D. H. Chen Foundation for nurturing and providing me with so many development opportunities and supports.

