

Sharing from Current BME Undergraduate Students

KUO Hsu Ting

BME Undergraduate Student, Year 2



BME is a young department in CUHK, which is still vibrant and flexible. All the professors and staffs here are willing to help and support students. As a student here, I can see their passion for teaching and research. They really care about students and want to make this place better.

Besides, some great learning opportunities are provided by the department. I spent lots of time studying this year, but I also worked in a lab and participated in different competitions, which truly opened my eyes and helped me to get a clearer idea of my future.

Studying overseas is not easy, but I'm blessed for being surrounded by lots of wonderful people here, who help me a lot and enrich my life at university. My first year at CUHK is fulfilling and amazing. Every day, I feel motivated and want to see more, learn more and do more. With the resources and support provided by the department, I believe that I can accomplish my goals and turn my dreams into reality at CUHK.

LAU Yee Shun Eson

BME Undergraduate Student, Year 2

BME program in CUHK is really a comprehensive program and there are full of opportunities in it. Major and elective courses provided by the Department of Biomedical Engineering cover a wide range of subjects from the latest field of biomedical engineering to the increasingly important AI technology. The constant communication between department and students through town hall meetings in each semester ensures this BME program meets the expectation of students as well as the proficiency required. Faculty of Medicine provides a lot of help to this program including major courses taught by professors from the School of Biomedical Science and hospital visiting organized by the Faculty of Medicine. The Department of Biomedical Engineering also cooperates with different universities in the world to provides overseas research internship opportunities, exchange opportunities etc.

SHYNGYS Moldir

BME Undergraduate Student, Year 2



I vividly remember my interview with BME professors. They asked: “What do you think makes BME different from regular engineering or life sciences majors?”.

I took a deep breath and started quickly: “Well, it is different from engineering because BME embraces almost all sciences: physics, mathematics, chemistry, and, most importantly, biology. And BME is not just about acquiring knowledge from these areas but also doing actual things - constructing medical equipment”. That was what I believed BME is.

It turned out to be true. During my first year of studies in CUHK I have already raised a solid foundation in physics, anatomy and physiology. More than that, I gained a priceless experience through summer training in hospital, medical devices companies and various university laboratories. I think that BME offers something more than just pure knowledge but continuous inspiration, motivation and practical use.

But I almost forgot to mention the most important part: I met wonderful people from all over the world. Compared to all other engineering departments, BME is one of the most international. Our diverse environment includes people from Hong Kong, South Korea, Kyrgyzstan, Bangladesh, Kazakhstan, India and many others.

BME taught me a lot and I hope that there is even more to learn.
Join BME and you won't regret it!

Sharing from BME Fresh Graduates 2019

CHUNG Pui Wo Tommy

Assistant Service Engineer, Celki VitalAire

Sharing of work-life:

I joined Celki VitalAire as an Assistant Service Engineer upon graduation at CUHK. My job responsibilities include managing sleep laboratories' services in public and private hospitals, processing the polysomnography (sleep) test for the patients and manual scoring the sleep report for the doctors. I was intrigued by exposure to sleep stage scoring since I could apply what I have learned in neuroengineering about the EEG signals. It is glad for me to have the opportunities to contribute in diagnosis and cure for the patients with sleep apneas. Being an engineer, processing in the maintenance and providing technical support for the medical devices builds up a good platform for me to train my communication skills with different people, such as doctors, nurses, medical sales, and the patients because it is common to change some medical or technical terms into common phrases for their understanding. Besides, Celki provides me on-job Registered Polysomnographic Technologist (RPSGT) training, which is an internationally recognized credential by BRPT in the USA, it motivates me to explore more and broaden my horizons as a specialized engineer in this industry.



CHUNG Yue Hin Jack

Biomedical Engineer, Medisource Supply (Asia) Co. Ltd.

Sharing of work-life:

After graduating from CUHK, I start working as a Biomedical Engineer in medical consumables and devices company. I am responsible for the maintenance session of the medical devices, such as patient monitors in hospitals. We, the service team, need to arrange the routine checking for the medical devices in HA hospitals. Besides, the clients will contact us for corrective maintenance if the machine has any failure symptoms. After receiving the order, we have to reach the site as soon as possible, analyzing the faulty type and try to fix the device. The job demands us not only biomedical and electronic knowledge, but also teamwork, communication and the ability to improvise. Most of the time, we work in the hospital and need to co-operate with the nurses and clerks inward. It is really challenging as I have to adapt to the tense and busy environment. Yet, the job gives me a sense of success and satisfaction as I can give a helping hand to Hong Kong's medical field by keeping the medical devices in high standard.

Congratulation

