FRESH GRADUATES 2019

SHARING FROM
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CHUNG Pui Wo Tommy
Assistant Service Engineer, Celki VitalAire

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 diagnosing 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.

After graduating from CUHK, I start working as a Biomedical Engineer in medical consumables and devices company, responsible for the maintenance session of the medical devices, such as patient monitors in hospitals. As a part of the service team, I need to help 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 requires us our 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 the Hong Kong’s medical field by keeping the medical devices in high standard.

SIU Wing Hei
Software Engineer, Onwards Media Group

I met the Onwards Media Group on the job fair held by the Engineering Faculty in my year 3 of study. I was a summer intern and became a part-time technical staff during my final year. And now I work full time as a Software Engineer after graduation.

My first mission in the company was to develop a facial recognition system from videos. I have taken courses about artificial intelligence and machine learning which gave me the basic knowledge and principle, with the generous guidance and encouragement of my colleagues, I finished my task successfully. The company also gives many opportunities to work on different tasks, such as image/audio processing, frontend/backend development and research a topic like the things did in Final Year Project. I can gain practical experience and apply my skills throughout a variety of tasks.

Thank you to CUHK for giving me the courage and wisdom to tackle challenges and seize opportunities and I hope schoolmates can grasp every chance and keep chasing your dream.

YAU Pok Fu Boris
Technical Lead, Rice Robotics

I am working in a robotics R&D startup focusing on smart and fully autonomous design of indoor delivery robot. As a technical lead, my job is to conduct high level design and integration of all components from mechanical, electrical to software. I think this is a particularly challenging job because it requires understanding of mechanisms from a wide range of disciplines such that all components can fit together nicely and seamlessly. I also need to have meetings with both clients and manufacturers in order to fully understand our business needs and constraints. If were to model myself as a machine in a system then my input would be a list of business constraints and my output would be architectural diagrams and design specifications. Apart from these core duties, I do a wide variety of hands-on works such as programming back-end services, front-end UIs, mobile apps, deploying cloud services, designing / soldering PCBs, sourcing / purchasing components, and training junior engineers. All in all, I think it’s a really fun and fulfilling job.

CHEUNG Tin Hoi Kaiser
Management Trainee, LF Logistics (HK) Ltd

I have always been passionate about developing a career in the logistics and supply chain industry. My current role provides me opportunities to further understand 3PL operations, from DC management to freight forwarding. Currently, my main duty includes ensuring the accuracy of our inbound and outbound shipments, verifying stock on hand and making sure delivery is made on time as per the customers’ requests. Other than daily operations, I also had the chance to be hands on a variety of projects to increase productivity of our staff and eliminate manual handling. I have been learning a lot and will continue to gain knowledge from my work experience. I believe there are lots of opportunities for personal development and one must be able to pass on some responsibilities, pick up new responsibilities and continue the learning process. I wish everyone a great success in the exciting journey ahead!
LEE Ho Tin
Graduate Trainee, The Hongkong Electric Co., Ltd.
I am undergoing the scheme A training programme under Hong Kong Institute of Engineers with the electronic discipline. It was a bit strange for an electronic graduate working in a power company but it is absolutely indispensable to include the role of electronic engineers in the power industry. The communication and control knowledge that I learnt at EE could be applied to my work. With the awarding knowledge acquired at EE, I was able to learn and solve problems encountered in my company when it comes to a different industry. I remember the good old days of taking a course “Electronic product design and development” taught by Prof. Michael Cheng. The technical knowledge he taught was inspiring and applicable to my workplace. EE department emphasizes both theories and practical skills and the 4-year study at EE has become the cornerstone of my career.

YU Clara Aiting (Energy)
Assistant Consultant, Allied Environmental Consultants Limited
The concept of “green” and “sustainability” becomes more and more important in this decade. I am honored to get involved in a job which is related to green building designs. Allied Environmental Consultants Limited (AEC) is a sustainability and environmental consultancy firm. I have become a member of the environmental engineering professional team to work on different new-developed and redeveloped buildings’ projects. Moreover, I have a bigger picture about the potentials and challenges facing in building development in Hong Kong. Indeed, the knowledge learnt and internship provided by the programme have helped me to equip well to enter a closely-related industry. In particular, the courses related to renewables, building services and architecture designs have given me fundamental concepts on all technical aspects, as well as a clearer direction about my future work nature. All in all, thank you all the supports from CUHK, MAE Department, family and friends.

SIN Yiu Hoi
Hardware Engineer(IoT), Aztech System (HK) Limited
Studying electronic engineering is a wonderful memory for me. The courses I studied in the EE department have aroused my interest in the hardware development on the internet of things and provided me some project development experiences. For example, the Electronic Product Design and Development course provide me basic training and hands-on experience on electronic product design and development.

I now work as an electronics engineer at a company in Hong Kong Science Park. My jobs included algorithm design and hardware design on IoT products. The experiences in final year project development equipped me with a clear mind to solve the problem under stress and how to research with paper to design algorithms. Special thanks to Prof. WU’s support and guide when I do my final year project.

CHAN Ka Loi Kallai (IE)
Junior System Analyst, Azeus Systems Limited
I am thankful to have entered Azeus, an international IT solutions company which is based in Hong Kong. I am now responsible for two government web systems. Being a system analyst, I have to resolve ad-hoc technical problems and handle system enhancement designs. One important lesson that I am now learning is about technical presentations. In school days, solving problems and having the technical solution are the ultimate goals. However, in the real world, beyond achieving the solution, I will also need to persuade our clients, who may be non-technical people, to accept the solution. Another challenging lesson is about impact analysis. System designs for school projects are mostly in small-scale and independent, and the result would only affect the grades. On the contrary, business projects are usually linked to other complicated system functions, and they can affect the stakeholders in different levels. To conclude, graduation is just the start of another learning journey, so don’t give up your learning attitude after leaving the school!

CHENG Ching Hei (MAE)
Engineer Trainee, Hongkong International Terminals (HIT)
I joined Hongkong International Terminals (HIT) for my first post-graduate job. During my first-year training, I will be staying in the crane project team, which is responsible for automation and semi-automation projects of all types of cranes. I have been assigned to the new Rail-Mounted Gantry Cranes (RMGCr) projects and is responsible for the automation subsystems. Recently, I assisted with enhancing and stabilizing the performance of the subsystems. It enables me to gain more knowledge of mechatronics systems and common technical problems of different designs. Besides, we are cooperating with Siemens and ZPMC, which helps to develop my communication and work planning skills. And we have a progress review once a month which I will get feedback and advice from colleagues. I found that studying in MAE helps me pick up my job quicker than I thought as the technical side is not too different from what I had learned in CUHK.

TANG Sum Yee (MIEG)
Technology Analyst, J.P. Morgan
I am now working as a technology analyst at J.P. Morgan. It’s a 2-year graduate program that starts with a regional orientation in Singapore. During the orientation, I gained some basic knowledge of the financial service industry, from sales and trading to asset management. My team is responsible for algorithmic trading of cash equities and we need to work with quantitative traders to implement different trading strategies. My job is to perform data analysis on the trading and market data using python and KDB+. Working in a global investment bank is eye-opening as you get to work with talented people from different cultures and backgrounds. It’s an ideal place to start your career if you are interested in finance & technology, and eager to learn new things everyday.