Skills Require to Ace in IT Field and Preparation for Entrepreneurship in IT

Group 3: HashTech

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Introduction

Nowadays, the competition between fresh graduates to secure a job in their desired field has become more and more intense. With limited job posts available, and extreme skills requirement, the competition has become fiercer. UTM Digital has taken the initiatives to invite one of UTM alumni that currently worked there, and an alumni that current managing a business in IT field to share their valuable insights and experiences throughout their journey in IT field.

Speaker Experience

The talk began with Mr. Muhammad Hakimi Iqmall as the first speaker. He was born and raised up in Universiti Teknologi Malaysia as his parents were staff here. He receives his early education at Sekolah Kebangsaan Taman Universiti 1, then continue his study at Maktab Rendah Sains MARA Langkawi. After SPM, he persued a Diploma in Computer Science (Multimedia) at UTM Kuala Lumpur, then carry on in Bachelor of Computer Science (Multimedia and Graphics) at UTM Johor Bharu. Just 2 days after he completed his study in Degree, he got accepted and worked at Okakichi Sdn.Bhd as a game programmer for the game called Kingdom Ran. He then got offered and settled in UTMDigital Johor Bharu up until now. As for the second speaker, Mr. Nik Mohammad Habibullah has been involved with entrepreneurship in IT field since he was working on his degree. He now work at Micro Semiconductor Sdn Bhd, a company specialized in providing digital solutions to wide range industries and government sectors. Some of their products are GetMe Hired and dialysismanager.io.

Skills in Computer Science

Mr. Hakimi emphasize that every undergraduate must have a good foundation in programming. If possible, they must understand the logic behind programming language. By having that, they will be able to quickly learn and adapt to other programming languages. A well understanding of database structure, networking and analytical thinking also give a huge advantage in the near future. As for Mr. Habibullah, he mentioned that we should try to learn something new, something that out of our field on study. It's good to have wider knowledge in IT field if we have decided to work in this field.

Skills in Industry

As we step in working environment, the most important aspect that need to be consider is communication. How fast can we get our work done, how smooth the process of group projects greatly depends on how well you understood the assignment and the communication between your colleagues. Both speakers highlight that every undergraduate should level up their communication skill in order to strive in their career. Mr. Hakimi mentioned that one must find his/her source of inspiration, be it money or passion.As for Mr. Habibullah, he mentioned that we need to be brave and try new things, such as blockchain and AI. Always be ready to be receive reprimand and improves ourself as the day passed by.

Conclusion

In a nutshell, both speakers told us to find our source of motivation, be it the high salary and bonuses, or the burning passion in IT field. When we find our purpose, then it's easy to keep on going in IT field. Be brave to challenge ourselves in trying new things that we are not familiar with, as it will greatly enhance our soft skills and make us stand out better than the others.

Reflection: How will you be successful in computer science in the next 4 years

Fathurrahman Hakim: After hearing this talk, I realized that there are many more IT related things that I must learn. So, I will get expose to these things as much as possible in these 4 years and have more understanding in IT field. Hoping that during my study years, I'll get as much knowledge in IT field as possible to help me excel in IT field.

Yan JiaRong: Over the next four years of my studies, I hope to be successful in computer science by mastering both the soft and technical skills emphasized during the industry talk. Since I want to pursue a career as a cybersecurity expert, I will work on my competitive advantage by not only acquiring theory as per UTM syllabus but also by keeping in step with recent technological advances in cybersecurity.

Lim Chen Han: In the next four years, in order to success in the computer science field, I will constantly and continuously learn new things. Since computer science is rapidly evolving every day, hence, I will make sure myself keep updated with the new things and technologies. I will also improve my soft skills such as communication skills and leading skills as these skills will help me to adapt better in the computer science industry later. Lastly, I will try to jump out of my comfort zone by continuously challenge myself, involve in activities as well as join and collab projects to build up my resume and portfolio as experiences is the most important thing in the computer science industry in my opinion.

Yee Ching Yang: After hearing this talk, to be successful in IT field in these 4 years, I'll expose myself towards the advance of technology that related to IT field. Since IT is a field that keep move towards advancement, knowledge of current technology and issues about IT is crucial to keep me in updated. Besides, I'll also improve my communication skills and other soft skills. I also understand that the ability to innovate solutions towards current issues also play an important role to make stand out better than others. Last but not least, I'll also try new things that can help my growth in grasping the concept of IT better.

Yousra Hatim: This talk has motivated me to explore more about IT and consider how I can contribute to this field. I realized how much technology influences every aspects of out life. Hence, to be successful in IT field in the next 4 years, I'll expose towards IT related field as much as possible, to keep me updated about the ever-changing technology. Besides, I'll also train myself to improves my other soft skills, such as communication skills and problem solving skills.