



【主 題】105 學年度資工系外國學生學習心得

【分享報導】

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I am Mrs. Prathysusha Yerra second-year postgraduate student of Computer Science & Engineering Department, National Sun Yat-Sen University. My dream is to work for Indian Space Research Origination (ISRO), which is one of the top leading space origination throughout the world. I decided to go for higher studies to fulfill my dream. After completion of my graduation in 2014, I was joined as APS engineer in trainline.com, United Kingdom-based Company.

Meanwhile, I got married, I need to move to Taiwan with my Husband, who is working as a postdoctoral researcher in Physics department, NSYSU. In this way, I got a chance to proceed my higher studies in NSYSU. Before taking admission, I approached several professors in our department specifically to those who work on networking/could computing. During the discussions, I noticed that most of the professors were welcoming me to join their labs, this shows their interest towards the international students. Finally, I chose Prof. Chun-Hung Lin, since my academic interest matches with his field of research. The next disappointment after the admission was course choice; I came to know that most of the courses will be delivered in the Chinese language. Since I am not familiar with the Chinese language, in fact, I quite naïve to Chinese. So it was a bit difficult for me to cope. Although few courses were taught in the English language, most of them were not my interest. I feel I should be expertise in what I want to do, so I courageously took some Chinese courses along with few English courses. In the initial days, most of the time, I feel I was detached with the rest of the world when the professors are giving classes in the Chinese language. Truly speaking, I attend the classes for the sake of attendance. I always look forward to meet the professors to know something about the lecture and take relevant information about the classes. I should admire that, most of the professors are





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welcoming with much patience and I am glad that they are my teachers.

After taking feedback from the professors, I followed up literature and used to prepare for ext day lectures in advance. This was my routine during the Chinese classes. In my mind, I always have a zeal to work hard to compete with the Taiwan students. I should appreciate the course structure in our departments, particularly, assignments were a real challenging task, they were to the standard of a real-time application, solving them boosts my confidence. The entire learning process improved my basics and prepared me for a good problem tackler. Personally, I am keen to learn new languages which made me join in Chinese language center, which I have taken for a one semester, later on I was not able to attend because of my pregnancy issues. After completion of my first year, I have finished all the course requirement with the aggregate CGP of 4.17 (A grade). Here, I would like to say sincere thanks to the people who helped to sort of many things in our department, that include some of the faculty members, my lab colleagues, and Mrs Hsiu-Cheng, they were always sharing information about the academics and routine activities in the department.

In my second year, of course I was doing my project which is a bit challenging because of me having a baby. I am overcoming my difficulties with all the support I am getting from department and family. The overall experience in the department is so motivating towards research career and enhanced me as a person. Though I faced difficulty with the language, it was all faded with the kind support I got.

© Александр Муняев (CSE, NSYSU, 2nd Grade of Bachelor)

My name is Alexander Munyaev, I am 19 years old. I am the second grade student of Computer Science & Engineering department of National Sun-Yat sen University. I came here from Russia, because in my opinion, in Taiwan I can get more opportunities and experience to grow rather than in Russia.

Originally, I chose Computer Science & Engineering field for the reason that it is easier to find a job in IT industry. When I came to Taiwan,





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I did not have any experience in learning this field. For the whole first year in Computer Science & Engineering department, I did not really understand why do we learn all these courses. However, after one and half year, the big picture about what is Computer Science & Engineering was slowly developing and once I realized that actually it is an amazing thing. Despite the fact that the main concept of a



computer was developed only several decades ago, since that time, it greatly changed our world. But the most important thing for me is artificiality of this system. That means we can create a new universe with its own rules, and it will work, so we can see the result, the output of this universe. For example, a simulation of a theoretical physical process can show what will be next and we do not need it to do in the real world, just enough to give right rules and input information. The only thing that stops us is our imagination. I got this picture and thoughts due to faculty's teaching program: starting from the bottom, from the several basic concepts with the future union into the bigger topics. For example: firstly, we studied C Language course, then C++ language course as better C and after that Object-Oriented Programming course that is based on C++. Another example is we started from studying Digital Electronics course: particularly diodes and transistors, then Digital Systems, where basing on transistors and diodes, we learned digital circuits and finished with Computer Organization course, where we got to know the structure of the processor (that is actually based on digital circuits) and how the hardware connected with the software. Going through all of these details shows us that the only imagination stops us.

However, a course will never be good without a good teacher. All professors of my department are not only good teachers, but every of them has a great working experience in the IT industry, so they can explain the importance of the things that we are studying on the real world examples. They are also dedicated to teach, and always help whenever students have questions. These are why I admire my professors and glad that they are my teachers.

Another point that I want to note is that many students graduate from their universities without



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real experience in IT. However, Computer Science and Engineering department of NSYSU tries to avoid it by organizing Special Topic course, where you must find and do a project using all your knowledge of the passed courses.

In conclusion, I am really happy to study in Computer Science & Engineering department of National Sun-Yat sen University. They do everything to help students to understand courses and show their importance in the real world. Due to this, they showed me that Computer Science and Engineering is much more than just a job. I think, I got here much more rather I could get in Russia.



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