



Taiwan-KMUTT Internship Program (TKIP 3.0)  
KMUTT (泰國吞武里蒙庫國王科技大學)  
Virada Weerapatsakulchai



Hello, my name is Virada Weerapatsakulchai. I am a 3-year student majoring in information technology at King Mongkut's University of Technology Thonburi, Thailand. I have a good chance to join this program "Taiwan- KMUTT Internship Program" for my internship 2019. First of all, I would like to say that I am very excited and thank you National United University and KMUTT for giving me good opportunity. This is my second time in Taiwan but I still feel very interested. When we arrived at National United University, there are 2 students from volunteer of NUU who take care of us and bring us to have dinner together. I have been selected to stay in LoTs lab in Information Management Department that host by professor Yu-Tso Chen. I meet many new Taiwanese friends here, and they are very friendly. This place makes me feel like my second home when I stay in Taiwan because I do a lot of thing here such as working, meeting, and playing with my SIT friends and LoTs lab friends. Every Wednesday there are business management students who come to organize culture exchange activity for us. We usually have dinner with Taiwanese friends, and they always help us to find restaurants. In two months, I have tried many Taiwan food. It is so good. I really love fried chicken. I try to learn Chinese language every day with my Taiwanese friends. I also like transportation in Taiwan. There are many kinds of public transportation in Taiwan such as local train, High speed train, bus, and taxi. It's very comfortable because I can pay transportation fee by using i-pass card or yoyo card, and I can also check the time schedule.



Regarding to my internship project, we decided to build smart garden to help people who have no time to take care of their plant. First of all, I have to learn about IoT technology that I never learn it before, so it a little bit hard for me for the first time. However, I have Master degree Taiwanese friends that teach me how to use IoT technology and teach me to use many sensors. Our projects have 6 members including me, Mr. Nattapat Mapu, Mr. Phanupan Nokkhamdee and Miss Wanvisa Mongkolsawat; all of us come from School of Information Technology, KMUTT, and Mr. Shine and Mr. Bryan are from Master degree student of Information Management, NUU. We decided to combine trends technology together to make the new automatic watering system. We have a meeting every Monday for review work that we have done and discussion about project. After we finish the project, we got automatic watering system. We have opportunity to present about our project and share experience to Dean of Information Management and student.



Finally, I would say that I am very lucky to be here. I received many new things, such as new friendship, advice, knowledge, cultural and many experiences. I hope this internship program will keep continuing to organize for KMUTT-NUU student every year.

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KMUTT (泰國吞武里蒙庫國王科技大學) - Manassanan Kachensuwan

First time when I know about this internship, I am very interested. When I have a good chance to join this program, I feel very excited and it very amazing for me. In this Internship, I join this program with other 6 students: Ms.Virada Weerapatsakulchai (Pop-Vida), Ms.Wanvisa Mongkolsawat (Nam), Mr.Watjakorn Cheam-sirikarn (J), Mr.Supanat Tumaram (Ice), Mr.Phanphan Nokkumdee (Bom) and Mr.Nattapat Mapu (Benz). We divided into 2 groups: First, Professor. Yu-Tso Chen (Pop-Vida, Nam, Bom and Benz). Second, Professor. Yu-Chi Wu (J, Ice and me). I work in Smart System Research Lab that host by Prof. Yu-Chi Wu. I do about the Robot Operating System (ROS) with J. And My professor has the mentor (Yu-Jing) for me to take care and teach me during this internship. He always suggested me about my work. On the first week, He gives some gifts to welcome us and next week, he took us and our lab's friends to have a welcome party in a Chinese restaurant. And at the end of this internship, he took us to play golf with our lab's friends. It is a new experience for me both this work and golf-playing. He was very nice and kind. I love this lab and my professor.



**My Project**

I do about the Robot Operating System (ROS). I practice, learn, and work with the TurtleBot3. The TurtleBot3 is a ROS standard platform robot that it can be installed in a single board computer like a Raspberry Pi. The TurtleBot3's core technology is SLAM, Navigation and Manipulation, making it suitable for home service robots. My work is to control it and use it to build the lab's room map. I do in many steps and have a lot of problems during work, but I can solve it and have my mentor that always helps me to solve the problems. ROS is the new things for me. Finally, I can do it and achieve the goal of this internship. And I can present my work to KMUTT president and my professor.



**Explore the new experience**

During this internship when we have free time, my Taiwanese friends or the volunteer group will take us to go around. Someday we go to downtown at Miaoli to have dinner, Night Market, the famous place, play basketball, etc. We always exchange the culture and language between us. My Taiwanese friends are very friendly and very lovely. They always have something to talk to us, and it's very funny and interesting. I feel very happy with these friends. And every wednesday, we have the exchange cultural activity with Business Management Students at LoTs lab in Erping shan Campus.



**Dormitory & Transportation**

My dormitory is located at the Erping shan Campus at NUU. It has a family mart in this campus, and it has a bus station that easy for me to go somewhere. Every morning, I will take a bus and go to the Baijia Campus, which is free. I like the transportation in Taiwan a lot because it has a time schedule of bus or train and can use the application to find the way and to go somewhere in a certain time. All of this internship in Miaoli, Taiwan. I learned and got many new things. About the weather, Taiwan has often rains. I have to carry an umbrella all the time. But someday turns to be a sunny day, Taiwan is so hot like Thailand. I feel Taiwan is safer, cleaner, and more comfortable than Thailand. And Taiwan's Food is not bad and not much different from Thailand. It is just not spicy, and it is more salty than Thailand.

**Finally**

First, I must say thank you for my university (KMUTT) and NUU for this good opportunity. I am very happy, and it is a very good memory for me. This program taught me to take care of myself, new social, new learning, new experiences, new friends, new cultural, new languages and many things. And thank you professor, my friends at Taiwan to take care of us. I love this program, and I hope KMUTT will organize the program between KMUTT-NUU in the next time.



國立聯合大學



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海外交流心得

108學海築夢-日本里山暑期實習  
建築四甲 陳宇輝

After three years in the Department of Architecture, I think that in addition to the knowledge that can be learned in the school, I want to know more about the experience of building practice, and VAN COLLAR's lectures at the school meet my needs. In addition to the cultivation of professional knowledge and the expansion of international vision, it is more able to participate in the actual construction process of the building and learn how to build people's needs from scratch. After the lecture, I asked the students who had participated last year. I also yearn for their life experience in Japan. Not only did they set up a workshop, but during that time, they also went to various places in Japan to visit and learn professional knowledge. I also learn how to live abroad and live with VAN COLLAR in a month. Not only can I accumulate experience in architecture, but also cultivate interpersonal relationships with foreigners and experience different cultures between Japan and Taiwan. In this month, in addition to my internships, my classmates and other students also invited us to participate in the cooking and shopping of the three meals. In Taiwan, we mostly eat outside, so we also learn a lot of Japanese cooking methods, and also reduce the health and economic burden of eating. During the leisure time on weekends, visiting many tourist attractions and experiencing local cultural customs, taking photos, and shopping, let us enjoy it, and also eliminate the fatigue and hard work during the internship, and expand our horizons.



This is my first time to go abroad. It was also the first time I took a plane. When I left the country, I went to Japan with a nervous and excited mood. Later I learned a lot of practical experience and Japanese architectural methods that I could not experience in Taiwan. I have benefited a lot. In addition to internships at the base this month, I also visited some places of interest, tourist attractions, and learned and experienced the local culture. This embarrassing journey has made me more determine about my path and learning goals. Perhaps it will be very hard and tiring to engage in construction-related industries, but I am also happy. The actual construction of the sense of enthusiasm makes me want to continue to explore in this industry. When I received the internship certificate, I was deeply impressed by the fact that the Japanese team would draw a period and look at the buildings that had been built from scratch on the base. Now I still think that I am excited. This is something that I have never experienced before. Thanks to the Ministry of Education and VAN COLLAR for this opportunity, I am looking forward to the future internship.



## 韓國永進大學Korean Experience Program - 經管三乙 林宥萱

This is a great opportunity for me to participate the project which can experience Korean culture and learn English. The project strengthened my English ability in a month. In this month, I have taken part in a lot of activities. For example, I experience Korean traditional clothing—hanbok, and it makes me feel special. And when we are on the project, we often need to communicate with students from various countries, such as Korean students, Japanese students, Chinese students, even students from Russia and Philippines. They participated in many activities with us, so that we not only experience Korean culture, but also have opportunities to communicate with students and teachers from all over the world.



Then, what impressed me the most was when I was in Daegu Gyeongbuk English Village, we participated a week's English lesson for us, each of which was taught by different teachers. Each lesson is different in content, which could be the teacher's national culture so that we can deeply understand more countries and cultures. Some teachers taught about business English, such as writing resumes, cover letters, and situations during interviews. I think this is a week that I can't learn in Taiwan, and it's the most complete one. I think this experience is something I don't learn in Taiwan, and it's been the most rewarding week.



The last two weeks of activity is to let us with the business department and tourism department students, and we participated in the Korean school courses. There are many Chinese and Japanese students, and this also let me experience the difference between the students of different countries. They are very friendly to help us everything. Furthermore, teacher's teaching style is also very interesting, from a variety of interactive games or activities, which let us know more about banking, understand the differences in virtual currencies. That's useful for me, and I learned a lot of things in this month.

## EXPERIENCE IN TAIWAN

Anan College (日本阿南高專)  
SEIGO FUKUTA

### EXCHANGE WITH TAIWANESE

Volunteers took care of us all the way from our arrival in Taiwan to our return. For example, they took me to go some places and held many events to entertain us. One of the most memorable events is the BBQ held for us on October 2nd, 2019. There were a lot of encounters at the BBQ, and we were able to exchange lines, which led to the subsequent exchange. For example, We played sports such as tennis and basketball together and played card games such as UNO. Also, I went to eat hot pot and Xiao Long Bao as dinner together.

### SIGHTSEEING AND FOOD IN TAIWAN

I visited various famous tourist destinations from Taipei to Tainan. I will talk about Taipei where I went on a two-day trip twice.

In the first Taipei trip, I went to Jiufen, famous for the Spirited Away stage, and Taipei 101, the symbol of Taipei. Jiufen was a place I wanted to go before coming to Taiwan. This is because Spirited Away is one of my favorite Ghibli movies. In Taipei 101, I was able to go up the observatory. It was very amazing. But I wanted to go up at night because I thought it was more amazing at night.

In the second Taipei trip, I went to the National Palace Museum, which is famous as a Chinese cabbage museum. By climbing Xiangshan, we can overlook Taipei City. We also went shopping where there was a procession. I had eaten Xiao Long Bao in the night market, but the Xiao Long Bao in the shop were more delicious than it.



### FIRST OVERSEAS

This internship in Taiwan was the first time abroad for me. For this reason, I was interested in living and studying in places where I could not speak Japanese, but I had more anxiety than that until I came to Taiwan. However, the anxiety was also no longer in a few days after coming to Taiwan. Because I was easy to communicate with the kind and friendly Taiwanese.

I am very honored that this internship gave me the opportunity to come abroad. This experience eased my fears and anxieties against overseas. I want to go abroad again. Thank you for Taiwanese people.

## 2019暑期日專研修—日本宇部高專 經管四甲 侯彥君



I am really glad to have the opportunity to have a short-term exchange in Japan because I never think that I can participate in exchange program in Japan before. During this summer vacation, I stayed at Ube Kosen for 24 days, which was not only very pleasant but also beneficial.

First of all, this short-term exchange was mainly about a monographic study. In the beginning, I was a little worried that I was not competent for this task, but later I found that it was unnecessary because I met very good teachers and classmates. In this study, I understand the NIH on management theory, it lets me learn more about a staff management theory. Although it is really not easy for me to read English papers, I'm glad I finished the difficult challenges. What's more, I did this research very smoothly, and I finished my personal achievement report in English. Above of all, thanks to the guidance of my teacher, Nakaoka sensei, teach and help me patiently and carefully, let me quickly understand the research and analyze my study. In addition, I also enjoyed getting along with my classmates in the lab. They were very kind to me and gave me a lot of help, which made me spend the time happily in the lab.

In addition, in Ube Kosen, we were very comfortable and happy every day of our life, not only good living environment, but also there are Japanese local students and the students who are from Taiwan, South Korea, and Malaysia to accompany with each other. Everyone's really very happy every day. I cherish and miss every moment that everybody gets along with together, whether it is chatting together, eating together, or going out to play together. Such as we visited Hofu city in Yamaguchi together on weekend, it is interesting for us. I will remember forever that all of us get together happily in Ube each day. Additionally, the students of Ube Kosen were very passionate to treat us, arranged a lot of activities for us to participate in. We not only experienced the traditional Japanese culture, but also visited the famous scenic spots near Ube Kosen, which let us have a more fulfilling 24 days.

Finally, I would like to thank to Hatamura sensei, teacher of Ube Kosen, for his care and help to our group of exchange students. He dealt with a lot of things for us carefully and also held many activities for us. Those are not easy things. I also want to thank all the teachers and students of Ube Kosen who have been kind and helpful to us. The teachers and students of Ube Kosen enthusiasm makes our life in Japan very smooth and happy. I hope we can get together again in the future.



## Malaysia Fieldwork Trip ( 境外移地教學 ) - 客傳所 陳毓泰

After coming back from Malaysia, I have some reflections. Since the official languages of Malaysia is English and Malay, Chinese in Malaysia prefer to learn these two languages and Mandarin. Hakka people also follow the trend. Hence, the younger generation of Hakka in Malaysia mostly could not speak Hakka. How to preserve Hakka culture in such a multi-language environment becomes an urgent issue. Hakka people in Malaysia therefore decided to promote the preservation of Hakka culture by recruiting younger generation into their associations. Since the government does not support any activities of Chinese, they need to strive for the survival. Hakka people set up Chinese schools from elementary school to university and hold a lot of traditional cultural activities so that people would know their own culture and be proud of being a Hakka. The Hakka in Malaysia break through the dilemma and overcome all difficulties to pass down their Hakka culture to the next generation.



Another interesting thing impresses me is that the Hakka Associations in Malaysia are all under control of the government. They need to submit all documents of meetings to the Malaysian government. If they elect a new director, they need to report if the new director has ever had any illegal record or not. They also need to hand in meeting records of general

assembly to the government each year, and if they do not submit the records for three years, their associations will be cancelled. It is not easy to run a Hakka Association in Malaysia, but Hakka people keep their members close together, holding a lot of events during festivals such as Dragon Boat Festival, Moon Festival, Chinese New Year, etc. Additionally, many Hakka Associations in Malaysia divide members into women's group, youth group, recreation group and so on. The members of each group participate enthusiastically in the business of their associations, which let Hakka culture could be inherited by the younger generation. Members of different generations have brought innovation and diversity into the association.

After visiting Hakka Associations in Malaysia, I also learned from the interview that the local Hakka people have their own characteristics in such aspects as festival, food, clothing and cultural relics. For example, some Hakka people in Malaysia also celebrate the " Sky Mending Day" bur the rituals are much simpler than those in Taiwan. It apparently shows that the Hakka people respect heaven and earth, cherish nature, and protect the environment. No matter where Hakka people are, they always hold the same belief and ideology.

