

2019 Taiwan-KMUTT Internship Program (TKIP) @National United University, Miaoli, Taiwan

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- Name of Program that you attended: Taiwan-KMUTT Internship Program (TKIP)



- Host University: National United University, Baija Campus
- Lab room: Electrical Engineering Building, Smart System Research Lab
- Country: Miaoli, Taiwan
- Period: From June 2, 2019 to July, 29 2019 (58 days)
- Professor: Prof.Yu-Chi Wu



First time when I know about this internship, I am very interested and 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 6 students: Ms.Virada Weerapatsakulchai (Pop-Vida), Ms.Wanvisa Mongkolsawat (Nam), Mr.Watjakorn Cheamsirikarn (J), Mr.Supanat Tumaram (Ice), Mr.Phanuphan 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).

About internship @NUU (Baija Campus), Taiwan



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 to me about my work. On the first week, He gives some gifts to welcome us and next week, He took us and our friend's lab to have a welcome party in a Chinese restaurant. And at the end of this internship, He took us to play golf with our friend's lab. It is a new experience for me both this work and plays golf. He was very nice and kind. I love this lab and my professor.

My Project



TURTLEBOT3

I do about the Robot Operating System (ROS). I practice, learn and work it 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 I 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.

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My Taiwan's friends.



During this internship when we have free time, my Taiwan's friends or the volunteer group will take us to have a meeting. 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 Taiwan's friends very friendly and very lovely. They always have something to talk to us and it's very funny and laugh. I feel very happy with this friends.

And every wednesday, we have the exchange cultural activity with Business Management Students @LoTs lab, Erping shan Campus.



Dormitory & Transportation



My dormitory located at the Erping shan Campus @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, it free. I very like about transportation in Taiwan because it has a time schedule of bus or train and can use the application to find the way and certain time to go somewhere.

Activities



We have a chance to join the Tainan 2-days trip with Jiantaigaoji High School Students.



19.7.2019

Professor. Yu-Tso Chen take us to go to Taichung City with LoT's lab friends. (1 day trip)



21.7.2019

Professor. Yu-Tso Chen take us and his family to go to Sun Moon Lake @Nan tou Country. (1 day trip)

Explore the new experience

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 is a sunny day, Taiwan is so hot like Thailand. I feel Taiwan are more safety, clean, and comfortable than Thailand. And Taiwan's Food is not bad and not much different from Thailand. It just not spicy and it more salty than Thailand.

I very like Pork-fried rice, Hot-pot and Taiwan Sandwich.



Finally



First, I must say thank you for my university (KMUTT) and NUU for this good opportunity. I 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 organizes the program between KMUTT-NUU in the next time.