

# Yuan-Hong Liao

National Tsing Hua University

Hsinchu City 30010, Taiwan

[andrewliao11@gmail.com](mailto:andrewliao11@gmail.com)

---

## Autobiography



### Profile

Hi, I'm Yuan-Hong, Liao. I live in Taipei, Taiwan. I'm a senior college student in [National Tsing Hua University](#) (NTHU), major in Electrical Engineering. I have a sweet family, my mom, dad, two older sisters, and me. I'm an initiative guy and I believe that actions speak louder than words. I like playing basketball, table tennis in my leisure time. In university life, I play an important role in my social circle. I am the kind of man can be vivacious and cool. During a camp, I can easily pump up the atmosphere. When dealing with the important stuff, I can carefully allocate everybody in their right position and be their reminder.

### Club life

So far, I've attended two clubs, [Aboriginal Culture Club](#) (aka ACC) and [Tsing Hua friendship ambassador association](#) (aka TFAA). ACC is a service-oriented club. We'll ride our scooters to the aboriginal tribes on the mountain and help their work, including farming, cleaning the tribe, teaching their children and so on. Since some of their children study in the city, as their tutors, we will take a visit to them every two weeks. TFAA is a totally different club. We build a good friendship with exchange students in the campus and even hold some activities with them. And I become more confident to express myself in English.



Figure 1. My friend, Karamo, and I held an activity in the a Taiwanese elementary school

### College Life

In my freshman and sophomore years, I choose to develop a good relationship with peers. However, I didn't set my schoolwork aside. I believe that people who play hard and study hard lead a more joyful life.

On the summer in 2015, I was very lucky to get the scholarship from my department, attending an extension summer program in University of California, Davis (UC Davis). I experienced the foreign culture and refined my English speaking skills there. Also, I got some foreign friends there, and so far we still keep in touch. I cherish our friendship and believe that we can help each other one day.

In my junior year, I devoted myself to Vision Science lab in NTHU. I'm advised by [Prof. Min Sun](#), and I'm working on the combination of vision and language, eg. image captioning, video captioning, vision question answering and so on. Furthermore, I



Figure 2. show and tell section during my internship

also love to the beauty of machine learning. I intern in [Industrial Technology Research Institute \(ITRI\)](#), surveying and implementing the theory of deep reinforcement learning. I'll share my survey with the members in our department. Actually, this year is the most significant year for me. I start to dig into

Machine Learning and Computer Vision and learn lots of different knowledge from different fields.

## My Prospects

Though most of the lectures I took is EE-related, I've learned much more in my projects. I have great interest in Computer Science and Machine Learning. I'd like to pursue my master degree in America since the most innovative people around the world will gather in America. It's very cool to discuss and co-work with them!

Last update on Sept 9<sup>th</sup>, 2016