



Graduated from National Yang Ming Chiao Tung University (NYCU) in 2022.

Academic Excellence Award in NYCU Electrophysics.

Academic Progressed Award in Chung Yuan Christian University (CYCU) Physics.

Two semester's recipient of scholarship in CYCU.

顧峻愷 (Alex)

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Personal traits

Communicative; Considerate; Detail oriented; Diligent; Organized

Academic background



National Yang Ming Chiao Tung
University

Electrophysics (MS)

2020 - 2022



Chung Yuan Christian University
Physics (BS)

2016 - 2020

Average GPA for master's degree

4.12

Average GPA for bachelor's degree

3.69

Project

Master thesis published in 2022.

Investigation of edges-guiding silicene on vicinal Ag(111) surface using scanning tunneling microscopy

Teaching assistant (TA) experience

One semester TA experience of General Physics in NYCU.

Skills

Python (learning); OriginLab; Vacuum technique; Scanning tunneling microscope (STM)

Language

705 for TOEIC in 2021

Autobiography

My name is Alex Ku (Chun-Kai Ku). My major was Physics, especially the properties of materials and semiconductors. The academic performances in both NYCU and CYCU were better than other students because of the hard-working and diligent attitude. I possess the ability for teamwork, communication and detail-oriented. That helped me to complete the project and facilitate the analyzing process during the period of master's degree study. In the past two years, I have been spending time on research of 2D-materials using scanning tunneling microscope (probe technique) and data analysis. Therefore, I am cautious when I handle a problem. Doing everything carefully, I would pay attention to the details of matters. That is the reason why I am applying for the position of Process Integrated Engineer.

In last two years, I not only spent time on the subjects and experiments, but also improved my personal skills, such as programming (Python) and learning English. I consider them as a way to strengthen my compatibility, and they grew on me as well. Besides the expertise, I also like watching TV series, hanging out with friends, going to the beach and tasting delicacies in my leisure time. These interests help me to release stresses that I have accumulated during the week.

I had one year experience of directing a team in the Physics student association. This experience not only taught me the importance of communication but also trained me manage my time better.

In the near future, I hope I can devote my specialty and time to the company and get used of the work as soon as possible. Then, I want to step out the comfort zone, which can make me take up challenges.

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