



國立陽明交通大學
NATIONAL YANG MING CHIAO TUNG UNIVERSITY



Internship / Master / Ph.D.
Program / Full-time Researcher



ACM 2023 Recruitment

Applied Computing and Multimedia Laboratory

Our research topics focus on:

- **Deep learning – Machine Learning – Computer Vision**
Reinforcement Learning based Applications
Cooperation Algorithms for Scene Understanding
Autonomous Vehicle Applications
- **Image Processing – Signal Processing**
Image Compression and Image Super Resolution
The Synthesis of Stereoscopic Images for 3D Display
Sensor fusion-based Applications



Lab members:

- 5 International members: Postdoc + PhD + Masters
- 16 Taiwanese members: Researcher + PhD + Masters

Projects (more on <http://acm.cs.nctu.edu.tw/Demo.aspx>)



Parking Space Detection

<http://acm.cs.nctu.edu.tw/DownloadFile/Link/parkinglot.pdf>



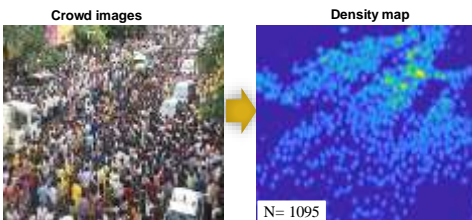
Autonomous Vehicle

<http://acm.cs.nctu.edu.tw/Research.aspx>



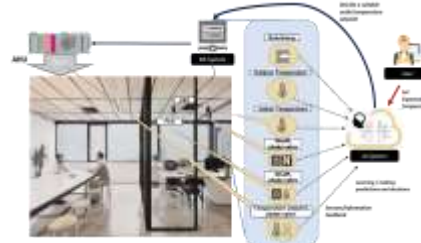
AI Image Restoration

<http://acm.cs.nctu.edu.tw/Research.aspx>



UAV-Density Estimation

<http://acm.cs.nctu.edu.tw/Demo/DAnet.aspx>



TSMC Smart Office

http://acm.cs.nctu.edu.tw/Research.aspx?Category=Smart_Building



Demo of projects:

<http://acm.cs.nctu.edu.tw/Demo.aspx>



Applied Computing and Multimedia Lab

應用運算與多媒體實驗室

Lab Activities and Environment



International student's experiences



In our lab, we enrich the world with an emotional connection. As the first Ph.D. student in ACM lab, I have received a well-training process from Prof. Huang. Either you are a student or a researcher; you could recognize your personal growth here. Contact: hungnm@hcmute.edu.vn (Nguyen Manh Hung)



If you like to study more and are looking for a good research environment, I think our Lab is where you could experience. Here, you can get not only necessary support but also useful advice for your studies. Moreover, our Lab members are very friendly; they will help you not only in research but also in your daily life. Hope to see you in our Lab. Please feel free to contact me if you have any questions. Contact: hoangtv@hcmute.edu.vn (Tran Vu Hoang)



I am very happy when I was accepted by ACM laboratory. In ACM lab, I have a great training procedure that helps me improving myself and boost me up to higher level thinking. I am sure that if you want to challenge yourself and know more about Machine Learning, the ACM lab is a good choice. nguyenthphanhphat2112@gmail.com (Nguyen Thanh Phat)

ACM Recruitment

We are looking for qualified applicants for researching in ACM laboratory.

Internship Program	Master / Ph.D. Program
<ul style="list-style-type: none"> • Visiting time period: January 2023 – December 2023 • Duration: Less than or equal to 6 months • Financial support 	<ul style="list-style-type: none"> • Financial support: <ul style="list-style-type: none"> • Tuition fee: NYCU Scholarship • Dormitory fee: NYCU Scholarship • RA/TA funding
Full-time Researcher	Postdoctoral Fellow
• Opened	• Opened

More information:

ACM website: <http://acm.cs.nctu.edu.tw/>

ACM Facebook Fan page: [Applied Computing and Multimedia Lab](#)

NCTU OIA: <https://oia.nctu.edu.tw/en/degree-seeking/international-students/>

Contact person



Ching-Chun Huang (Associate Professor, NYCU)

E-mail: chingchun@nycu.edu.tw

Tel: 03-5712121 # 54736

Webpage: <http://acm.cs.nctu.edu.tw/>

If you want more information or details about us, please contact us.