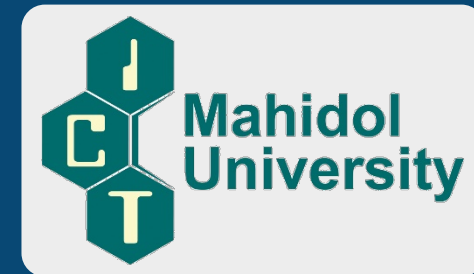
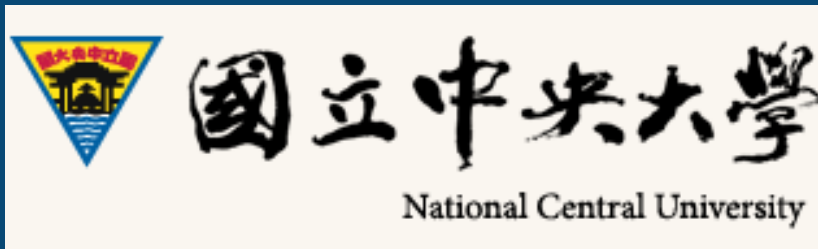




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# Online Internship Program at MUICT-Taiwan 2021



The National  
Central  
University (NCU)



Yuanze  
University(YZE)





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- **Program name:** An Online Summer Internship program 2021
- **Previous activities are available here:** Summer program at the National Central University (NCU), Taiwan (<http://cfprec.minelab.tw/trainingprogram/>)  
**Program duration:** June-July (2 months)  
**Number of acceptance:** ~10-12 students

**Contact Person (MUICT):** Prof. Pattanasak Mongkolwat (Aj. Pat) & Aj. Tip: [tipajin.tha@mahidol.ac.th](mailto:tipajin.tha@mahidol.ac.th)

**Contact Person (NCU):** Prof. Timothy K. Shih & Aj. Tip: [tipajin.tha@mahidol.ac.th](mailto:tipajin.tha@mahidol.ac.th)

**Contact Person (YZE):** Prof. Chih-Yang Lin & Aj. Tip: [tipajin.tha@mahidol.ac.th](mailto:tipajin.tha@mahidol.ac.th)





# General Criteria

- About 10-18 students
  - 2<sup>nd</sup> with high academic performance , 3<sup>rd</sup> ,and 4<sup>th</sup> year Undergrad, MS, PhD
- CGPA  $\geq$  3.0
- Particularly interested in
  - Students whose internship is linked to their senior project
  - Students who are research minded and want to publish their work
  - Students who interested to pursue their higher degrees



# Process

- Students submit an application
- Interviews held in February/March
- The committees match the student to each lab
- All materials sent to the partner university
- Offers made in March



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# To complete the online internship program

- The completion of at least 8 times of online meetings.
- Students should complete a project scope as what prof. expect them to do.
- Students will get **the completion certificate of an internship signed by the partner universities** after they present the final project they have done.



# Previous Activities

- <http://cfprec.minelab.tw/trainingprogram/>





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# 6 Available Labs (Lab #1)



**Lab Name:** Interactive Technology and Visual Computing

**Prof.** Chih-Yang Lin

**University:** Yuan ze University

**Research Interests:** Computer Vision, Image Processing, Machine Learning, Deep Learning ,Automatic Optic Inspection (AOI)

**URL:** <http://www.comm.yzu.edu.tw/member/andrewlin/>

**MUICT Support Team:** Aj. Tip, Aj. Aum



# 6 Available Labs (Lab #2)



**Lab Name:** Human-Computer Interaction Multimedia

**Prof.** Huang-Chia Shih

**University:** Yuan ze University

**Research Interests:** Content-aware sports video analysis, Fusion of biometrics for identify recognition, Intelligent vehicle tracking and recognition, and Freeform 3D interactions, Deep Learning.

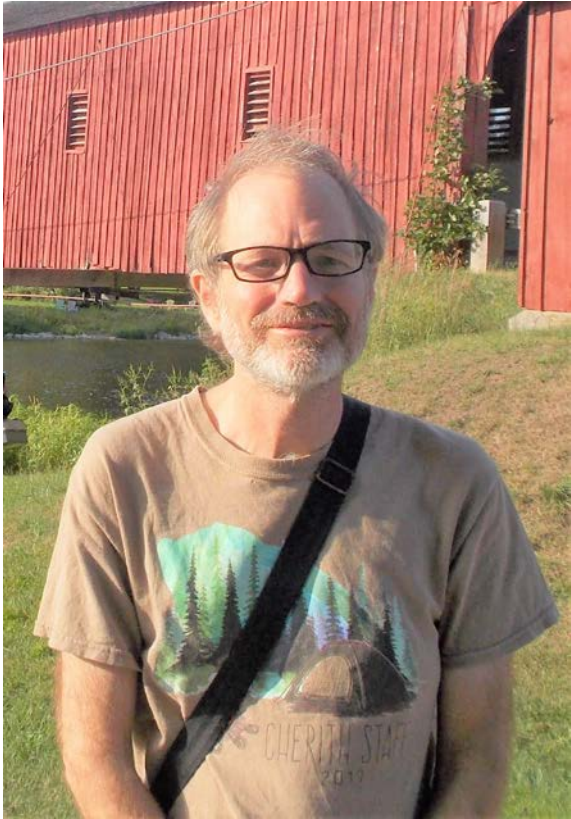
**URL:** <http://oz.nthu.edu.tw/~d917904/main.html>





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# 6 Available Labs (Lab #3)



Lab Name: Light Lab

Prof. 白小明 Jonathon David White

Keywords: Healthy Lighting, Dementia, IoT, ESPNOW()

University: YZU-EEC

Research Interests: Controlled Lighting for Alzheimer's Patients, Teaching Methodologies for Bilingual Science Education

<http://www.xiaotu.ca>

<http://www.aiyouliliang.com>

<http://www.aizhu.com>

<http://www.whiteslight.com>

**MUICT Support Team: NA**





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# 6 Available Labs (Lab #4)



**Lab Name:** Network Computing Laboratory

**Prof.** Chih-Lin Hu

**University:** National Central University

**Research Interests:** Mobile Data Dissemination, Delay-Tolerant & Opportunistic Networks, Home Networks and Applications

**URL:** <http://www.ce.ncu.edu.tw/~clhu/main.html>



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# 6 Available Labs (Lab #5)



**Lab Name:** Wireless Ad-Hoc and Sensor Networks

**Prof.** Min-Te (Peter) Sun

**University:** National Central University

**Research Interests:** Data analysis on security trace, Deep Learning, Machine Learning.

**URL:** <https://wasn.csie.ncu.edu.tw/>



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# 6 Available Labs (Lab #6)



**Lab Name:** Machine Learning and Biometric Recognition

**Prof.** Yung-Hui Li

**University:** National Central University

**Research Interests:** Biometric technology such as face and iris, Industry 4.0 and smart manufacturing, Biomedical imaging and signal processing, Deep Learning

**URL:** <https://mlbri.csie.ncu.edu.tw>