

EDUCATION

National Taiwan University

Taipei, Taiwan

M.S. in Computer Science and Information Engineering

2018–2020

- Thesis: “3D Video Stabilization with Depth Estimation by CNN-based Optimization”

Advisor: Yi-Ping Hung

*Committee: Yi-Ping Hung, Yung-Yu Chuang, Yu-Chiang Frank Wang, Chu-Song Chen, Kuan-Wen Chen
published in CVPR 2021*

- Overall GPA: 4.24/4.30
- Rank: 7/132

National Chiao Tung University

Hsinchu, Taiwan

B.S. in Computer Science

2014–2018

- Network and Multimedia Engineering Program
- GPA: (overall) 4.14/4.3; (major) 4.2/4.3
- Rank: 1/50

PUBLICATIONS

1. **Yao-Chih Lee**, Kuan-Wei Tseng, Yu-Ta Chen, Chien-Cheng Chen, Chu-Song Chen and Yi-Ping Hung, “3D Video Stabilization with Depth Estimation by CNN-based Optimization,” *CVPR*, 2021.
2. Hau Chu, Jia-Hong Lee, **Yao-Chih Lee**, Ching-Hsien Hsu, Jia-Da Li, Chu-Song Chen, “Part-aware Measurement for Robust Multi-View Multi-Human 3D Pose Estimation and Tracking,” *CVPRW*, 2021.
3. Ping-Jung Duh, Yu-Cheng Sung, **Yao-Chih Lee**, Kuan-Wen Chen, Liang-Yu Fan Chiang, “A Design of Vision-based Navigation System for the Visually Impaired,” *TAICHI*, Taiwan, 2018.
4. Yu-Cheng Sung, **Yao-Chih Lee**, Sarah Wang, Wei-Ting Hu, Kuan-Wen Chen, “An UAV Autopilot System for Sports Player Tracking,” *TAICHI*, Taiwan, 2017.

EXPERIENCE

Institute of Information Science, Academia Sinica

Taipei, Taiwan

Research Assistant

2020–current

Advised by Chu-Song Chen

Human-AI Research Project

Taipei, Taiwan

Full Stack Developer

Summer 2020

Develop a experimental website for a Human AI interaction research project advised by Yi-Hsiu Chen, Chien-Wen (Tina) Yuan and Gary Hsieh from NCCU (Taiwan), NTNU (Taiwan) and UW (Seattle), respectively.

imLab@NTU

Taipei, Taiwan

Graduate Research Assistant

2018–2020

Collaborating with MeidaTek Inc and Advised by Yi-Ping Hung

CoVis Lab@National Chiao Tung University

Hsinchu, Taiwan

Undergraduate Research Assistant

2016–2018

Advised by Kuan-Wen Chen

TEACHING

- **3D Computer Vision and Deep Learning** Spring 2021
Teaching Assistant (Instructor: Chu-Song Chen) at NTU, Taiwan
- **Digital Image Processing** Fall 2019
Teaching Assistant (Instructor: Yi-Ping Hung) at NTU, Taiwan
- **Probability** Spring 2019
Teaching Assistant (Instructor: Yi-Ping Hung) at NTU, Taiwan
- **Computer Vision for UAV Autopilot** Spring 2018
Teaching Assistant (Instructor: Kuan-Wen Chen) at NCTU, Taiwan

AWARDS

- Academic Excellence Award *4
- Undergraduate Project Competition Excellence Award
- Departmental Core Course Scholarship*1