

Michael Yung-Shan Su

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EDUCATION

National Chiao Tung University (NCTU)

M.S. in Institute of Electrical Control Engineering

Hsinchu, Taiwan

Sep. 2017 ~

National Tsing Hua University (NTHU)

B.S. in Electrical Engineering

Hsinchu, Taiwan

Sep. 2013 - Jun. 2017

RESEARCH INTEREST

Assistive Technology

- **Special Topics on Implementation:** Guiding robot with haptic device
Advisor: Prof. Hsueh-Cheng Wang

Text Spotting

- **Special Topics on Implementation:** Placing at the Right Pose using Text on Objects
Advisor: Prof. Hsueh-Cheng Wang

3D Perception

- **Special Topics on Implementation:** Indoor depth lane following
Advisor: Prof. Hsueh-Cheng Wang
- **Special Topics on Implementation:** Big data analytics on point cloud - Road detection
Advisor: Prof. Min Sun

WORKING EXPERIENCE

NCTU Teaching Assistant

- Creative Software Project
- Human-Centric Computing

Hsinchu, Taiwan

Sep. 2017 – Jan. 2018

Feb. 2018 – Jun. 2018

Weschool

Research and development department, Intern

- Launched the first Hsinchu Mini Maker Faire in NTHU
- Designed courses of voice-activated lights and car with infrared obstacle avoidance sensors

Hsinchu, Taiwan

Jul. 2015 – Jan. 2017

EXTRACURRICULAR ACTIVITIES

2017 HackTKU 1st price

Hsinchu, Taiwan

NTHU Astronomy Club

Hsinchu, Taiwan

Starkids Camp, Minister of Activities Department

Summer 2015

- Led 50 people to plan activities for 120 senior high school students for a 6-day camp

NTHU Student Association Service Learning

Hsinchu, Taiwan

Organizer

Sep. 2013 – Jun. 2014

- Presided over a 5-hour workshop with 50 students participated, and reported opinions to the school
- Promoted and executed activities in New Year Countdown Party, which attracted 800 participants

SKILLS & INTERESTS

Programing Skills: C, C++, Matlab, Python, ROS

3D sensors: Realsense SR300, Asus Xtion PRO, Structure Sensor

Embedded board: NVIDIA Jetson TX2, Raspberry Pi 3, ODROID-XU4

Interests: Puppetry, Basketball, Maker, Programming