

YUEH CHUAN (JOHNSON), CHANG

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Taichung City, Taiwan 407

EDUCATION

National Chiao Tung University, Hsinchu
M.S. in Electrical and Control & Engineering

June 2014 - July 2018

National Tsing Hua University, Hsinchu
B.S. in Power Mechanical & Engineering

September 2010 - June 2014

EXPERIENCE

Water Resources Agency, ROC
officer

October 2018-October 2019
Taichung, TW

- Work in government department for an one year military service.

Raspberry Pi Taiwan, Inc
Instructor

September 2018
Taipei, TW

- Give a two days hands-on lecture for commercial workshop, Duckietown: Making a learning experience for autonomy project.
- 20 students came from different technology companies such as Google, MediaTek, Sunplus Innovation, Ilan university professor.
- ref: <https://www.raspberrypi.com.tw/21510/duckietown-workshop-01/>

Thesis
Master Thesis

October 2018
Hsinchu, TW

- Topic: Design and Implementation of a Pose Estimation System Based on Visual Fiducial Features and Multiple Cameras
- Published in International Automatic Control Conference 2018, Taoyuan, Taiwan (CACS2018).

Aiba-3D Printable Arm Robot
Artist & Developer

February 2016 - January 2018
Hsinchu, TW

- A proof of concept for building a 3D printable arm robot with stepper motors, without communication and expensive harmonic drive hardware.
- Brief talk in ROS conference Taiwan 2018 <https://ros-taipei.wixsite.com/2018>
- Slide: <http://bit.ly/hy-yc-habonbon-aiba2018>

TECHNICAL STRENGTHS

Computer Languages
Protocols & Libraries
Hardwares
Tools

C/C++, Python
ROS (Robot Operating System), OpenCV, PCL (Point Cloud Library), gtsam
raspberry pi, arduino
git, CMake