YUEH CHUAN (JOHNSON), CHANG

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Taichung City, Taiwan 407

EDUCATION

National Chiao Tung University, Hsinchu *June 2014 - July 2018*
M.S. in Electrical and Control & Engineering

National Tsing Hua University, Hsinchu *September 2010 - June 2014*
B.S. in Power Mechanical & Engineering

EXPERIENCE

Water Resources Agency, ROC October 2018-October 2019
officer *Taichung, TW*

· Work in goverment department for an one year military service.

Raspberry Pi Taiwan, Inc September 2018
Instructor *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 October 2018
Master Thesis *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 February 2016 - January 2018
Artist & Developer *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	C/C++, Python
Protocols & Libraries	ROS (Robot Operating System), OpenCV, PCL (Point Cloud Library), gtsam
Hardwares	raspberry pi, arduino
Tools	git, CMake