

# ChiHao Lee

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## Education

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### National Tsing Hua University

September 2019 – April 2022

*Master of Science*

Department of Power Mechanical Engineering

Master Thesis: *A Research of Watering Gantry Robot in Greenhouse*

- Convolution Neural Network (YOLOv4)
- Object Pose Estimation
- Gantry Path Planning
- Robot Operation System (ROS)

### National Tsing Hua University

September 2015 – June 2019

*Bachelor of Science*

Department of Power Mechanical Engineering (GPA: 3.86/4.3)

Courses:

- Control System
- Evolutionary Computation
- Artificial Intelligence
- Electronics

## Experience

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### MediaTek Inc.

March 2022 – Now

*R&D ASIC Engineer*

### HIWIN Technologies Corp.

July 2017 – August 2017

*Summer practical training*

## Skills

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- C/C++
- Python
- ROS
- Linux/Shell script

## Certificates

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### Japanese-Language Proficiency Test

January 2020

*N1 Level*

### TOEIC

September 2016

*Score of 765*

## Projects

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### Robot Arm Control

January 2018

- This is a course project of “Program design for mechatronic control system”
- Using C/C++ to control and plan the motion of the wafer robot by using NC code.
- Get the only A+ grade in the course.

### Chat Bot

June 2021

- A side project that design a chat bot on Plurk using python.
- Using Oauth1 authentication to communicate between client and server.
- Learn to increase the web server robustness and error handling.