

# Che-Ming 'Jack' Lin

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## Goal

I aim at developing technologies for industrial automation by combining robotics and virtual reality (VR). I wish that the motion planning and controls in virtual environment could improve safety of real-world environments where human and autonomous robots work together.

## Education

Yuan Ze University (YZU),

Department of Electrical Engineering

09/2012-06/2016

National Lo-Tung Senior High School

09/2009-06/2012

## Research Interests

Automatic Control System, Robotics, VR for HCI and Automation

## Selected Courses

Fuzzy Control, Adaptive Control, Fundamentals of Robotics, Intelligent Control, Human-Computer Interaction

## Honors & Awards

Department of Society Evaluation Associations

05/2015

## Programming Language and Technical Skills

C/C++, Matlab, assemble robot, Gazebo, ROS (Robotic Operation System)

## Recent Research Project

### **Quality Image Feature Recognition**

Our main purpose is to implement an image identification by using different feature and get a best sequence of the images from a folder. Choosing the image which is similar to the target by using different feature (for example: histogram, block etc.) . In real world, we could use this project in medical. For example, we could search the similar symptoms of a patient so that we could find a suitable organ for the patient.