

JUI-TE LIN

3869 Miramar Street #3435, La Jolla, CA 92092

(313)-4176945/ jul024@eng.ucsd.edu

EDUCATION

University of California, San Diego

Sep. 2018 -present

Master of Science in Mechanical Engineering

Tamkang University, New Taipei City, Taiwan

Sep. 2013 - June. 2017

Bachelor of Mechanical and Electro-Mechanical Engineering

GPA: 3.79/4.0

- Senior project:” Palletizing Robot Design “(Advisor: Professor Yin-Tien Wang)

TECHNICAL SKILLS

Courses Machine Learning, Introduction to Artificial Neural Networks, Robotics, Introduction to Computer Control System design, Mechatronics, Microprocessors, Computer Graphics, Electronics

Technology C/C++, Octave/MATLAB, Python, Open CV, Creo, SolidWorks, AutoCAD, Windows/Linux

EXPERIENCE

Laparoscopic Training System | University of California, San Diego

Sep. 2018 - present

Morimoto Lab | Advisor: Prof. Tania Morimoto

- Designing customized laparoscopic instrument to train the surgeons by Xbox video games.
- Creating a mechatronic system to simulate the laparoscopic surgery

Engineer, Taiwan Colour & Imaging Technology Corporation

April. 2018-June.2018

Smart Factory Surveillance | Foxconn, Longhua Science and Technology Park, China

- Led a team of 2 to install over 200 face recognition machines , and cooperated with the engineers of Foxconn
- Diagnosed and adjusted the machines to elevate the face recognition accuracy rate in varies environment.

Development of Internet of Robotics Things for Smart Factory | Tamkang University

Sep. 2016 - Nov. 2016

- Focused on communication system between different robots (TCPIP, Modbus) to cooperate with each other
- Implemented task planning for vision assisted robot manipulation

Palletizing Robot Design (Industrial Robot) | Tamkang University

Oct. 2015 - Sep. 2016

- Robot control, motion planning, manipulation and grasping(Delta robot language, based on Lua, was used in our robot
- Designed and integrated the mechatronic system, (the power supply, I/O board, pressure valve, grippers, etc.)

HONORS AND AWARDS

- 2nd place, Taiwan Robot Competition (Industrial group) 2016
- Charlie Chou Memorial Scholarship (for academic and extracurricular excellent student) | TKU 2013, 2016
- Da YU Award, Tamkang University (for academic excellent student in engineering) | TKU 2013
- Athletic Scholarship (for excellent athletic in the year) | TKU 2013

LEADERSHIP

Group leader of robot competition of system control

Oct. 2015 - Oct. 2016

- Analyzed four tasks given by the organizer and decided the strategies to the competition.
- Fastest robot during cycle time and won 4000 dollars prize money

Captain, tennis team of Tamkang University

Sep. 2014 - June. 2015

- Managed 15 members of the team and led the team to achieve the 2nd place in competition
- Guided the teammates to overcome their technical and mental problems.

SPORT PERFORMANCE

- Champion, National Collegiate Tennis Championship, Taiwan 2017
- 5th place, National Collegiate Tennis Championship, Taiwan 2016
- 2nd place, National Collegiate Tennis Championship, Taiwan 2015