

Pin-Wei 'David' Chen

Contact

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<https://championway.github.io>

Skill Highlights

- Robot Operating System (ROS)
- PyTorch
- Tensorflow
- Gazebo
- Point Cloud Library (PCL)
- OpenCV

Programming



Languages



Summary

An extremely communicative and organized person, also a strong leader who consistently takes on the most challenging projects and competitions. I have great enthusiasm for robotics, with a strong foundation in ROS, deep learning, robotic vision, etc.

Research Projects and Experience

- Reinforcement Learning from Gazebo to Reality (2019/09)
- DARPA Subterranean Challenge, Pizzburg (2019/08)
- Generative Adversarial Network in Robotics (2019/06)
- Multi-view CNN Point Cloud Classification (2019/02)
- Maritime RobotX Competition, Hawaii (2018/12)
- Self-driving NCTU campus robot (2018/07)
- 3D Object Modeling (2017/12)
- Multi-robot Patrolling System (2017/10)

Education

- M.S.** in Institute of Electrical Control Engineering, National Chiao Tung University (NCTU), Taiwan. 2017/06-present
- B.S.** in Electrical and Computer Engineering (ECE), National Chiao Tung University (NCTU), Taiwan. 2014/09-2017/06

Honor and Awards

- 7th Place, 2019 DARPA SubT Challenge (2019/08)
- 5th Place, 2018 RobotX Challenge (\$4,000 USD) (2018/12)
- Best Single Day Performance, 2018 RobotX Challenge (\$2,000 USD) (2018/12)
- Assist Leader, The first Chiao Tung Basketball League (2018/07)

Leaderships

- DARPA Subterranean Challenge Autonomous and Perception Leader of Team NCTU (2019)
- 2018 RobotX 3D Perception Leader of Team NCTU (2018)
- Captain of ECE department Basketball Team (2016~2017)
- Co-founder and Leader of National Chiao Tung University Calligraphy Club (2016~2017)
- Administrative Assistant of Student Association of Department of Electrical and Computer Engineering (2016~2017)
- Captain of Kaohsiung Senior High School Basketball Team (2013~2014)