

ShanghaiTech Automation and Robotics Center

EDUCATION

2017 - Present

2013 - 2017

Yuan, Yijun, Hao-fei Kuang, and Sören Schwertfeger. “Fast Gaussian Process Occupancy Maps.” *2018 15th International Conference on Control, Automation, Robotics and Vision (ICARCV)*. IEEE, 2018.

EXPERIENCE

Research Intern <i>Amazon AI Lab</i> Projects: MXNet, GluonCV, Fast Semantic Segmentation	Present
Volunteer <i>2017 IEEE International Symposium on Safety, Security and Rescue Robotics (SSRR)</i>	2017
Visiting Student <i>Shenzhen Institutes of Advanced Technology, Chinese Academy of Sciences</i> Projects: Camera Calibration, 3D Reconstruction of Binocular Endoscopic Images	2016
Paper Reviewer <i>ICRA (Top Conference), Design Science (Journal, Cambridge University Press)</i>	

AWARDS

Best Paper <i>Workshop on Underwater Robotics Perception, 2019 ICRA</i>	2019
8/11 (rank/total) <i>Rescue Robot League of RoboCup 2019.</i>	2019
Winner (5000\$) <i>Hackathon of 2018 IEEE ComSoc Summer School on Fog Computing.</i>	2018
Winner (3000RMB) <i>Autonomous Challenge of 2017 China ROS Summer School.</i>	2017
First-class Prize <i>The Scholarship of HeFei University of Technology.</i>	2016
8/16 (rank/total) <i>2D Soccer Simulation League of 2015 RoboCup.</i>	2015
First-class prize <i>2D Soccer Simulation League of 2015 RoboCup China Open.</i>	2015