

Yuanpei Chen

PRESENT ADDRESS

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CONTACT INFORMATION

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WEBSITE

Personal Website <https://cypypccpy.netlify.app>

Github <https://github.com/cypypccpy>

INTERESTS

Computer vision, Simultaneous Localization and Mapping (SLAM), Reinforcement Learning, Imitation Learning, Robotic, Sim-to-Real Transfer, Manipulation

EDUCATION

South China University of Technology, Guangzhou, Guangdong
Bachelor of Engineering, Intelligent Construction, May 2019
G.P.A. 3.4/4.0

EXPERIENCE

Team Member School of Automation, SCUT & Bristol Teleoperation Group Summer 2021-Present
Guangzhou, GuangDong

As a member of the Prof.Yang's group, responsible for the development of robot learning. I have applied reinforcement learning, imitation learning in manipulator and combined learning and control theory during this period. I have some publications under Prof.Yang's guide.

Team Member Robotics Laboratory, SCUT Summer 2020-Present
Guangzhou, GuangDong

As a member of the vision group, responsible for the development of robotics vision. I have applied SLAM, 3D perception, decision and motion planning in a robotic arm and a Automated Guided Vehicle during this period.

Team Member State Key Laboratory of Subtropical Building Science Summer 2019-Present
Guangzhou, GuangDong

Participated in Prof.Mu's scientific research team, responsible for the research of deep learning, computer vision, machine vision and Lidar in video surveillance area. Two articles I participated in are under review.

AWARDS

Honor Prize in the American College Students Mathematical Contest in Modeling, Feb 2021
Third Prize in the ICRA 2021 DJI RoboMaster University AI Challenge, Xi'An, June 2021
Second Prize in the Final of Huawei Embedded Software Competition,Dong Guang, July 2021
First Prize in the DJI RoboMaster University Championship, Shen Zhen, July 2021

PROFESSIONAL SKILLS

Programming

C++, Python, MatLab

Frameworks

PyTorch, ROS, MuJoCo