

Jingde (Jade) Cong

Algorithm Engineer



SUMMARY

Jade hails from Xinyang city, Henan province. He has earned master degree from the Tiangong University. He works as a robot algorithm engineer for Conarobot Co.,Inc. While his work focuses on robotics and artificial intelligence, mostly working on robot motion control, motion planning, teleoperation and robot learning. And he aims to make robots more intelligent with artificial intelligence.

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Experience



Nov 2021 – *present*

Robot Algorithm Engineer at Conarobot (<http://www.robotactile.com/>)

SUMMARY

Conarobot is a company based on tactile sensor and computer vision that are applied to massage robot and health care instruments.

- Construct the massage robot host controller
- Construct the platform for robot teleoperation with tactile perception
- Make a massage robot planning demo with ROS

Volunteer



at

Education



Sep 2014 – Mar 2017

Master in Mechanical Engineering from Tiangong University with GPA of 3.8

- Robotics
- Modern Control Theory

Languages



Chinese : Master

English : Advanced

Skills



Robotics : ★★★

ROS ROS2 OMPL MuJoCo

Robosuite

AI : ★★★

DRL PyTorch Tensorflow Agent

Metaverse : ★★★

Nvidia Omniverse Simulation

Interests



Basketball :

NBA FIBA

Fishing :

Sea Fishing Lake Fishing

Reading :

Masterpieces Biographies

Awards



Mar 2012
National Inspirational Scholarship from Tianjin Ren'ai College

SUMMARY
Annual National Scholarship.

Publications



Mar 2018
Research on compensation for induced feedback force of Master-slave teleoperation robot system (<http://tjgydx.scizazhi.com/>) by Journal of Tianjin Polytechnic University

SUMMARY
This article proposes a force compensation method based on the master manipulator, which enables operator to accurately perceive the feedback force from the slave manipulator.



References



Think and act, Win with respect~
— Jade Cong(Myself)