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Jingde (Jade) Cong

Algorithm Engineer

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#: https://jadecong.github.io/

SUMMARY

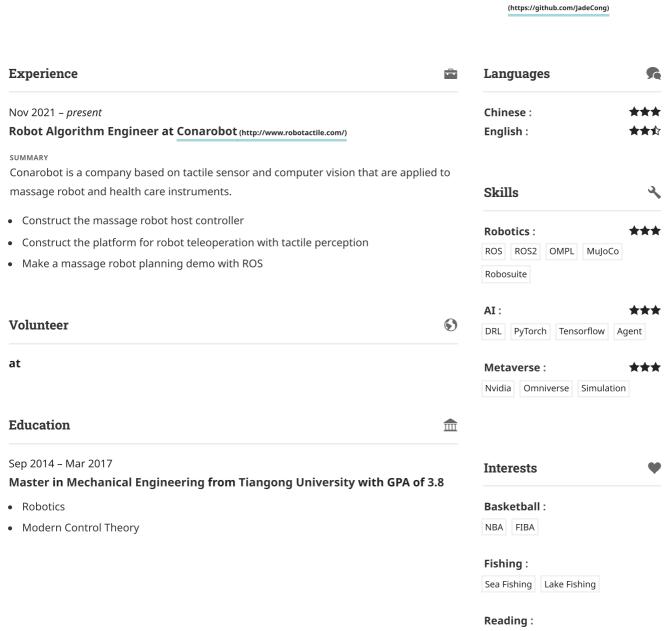
Jade hails from Xinyang city, Henan province. He has earned master degree from the Tiangong University. He works as a robot algorithm engineer for Conarobot Co., Inc. While his work focuses on robotics and artificial intelligence, mostly working on robot motion control, motion planning, teleoperation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

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□: No.4011, Shahe West Road, 518000, Shenzhen, Guangdong, China
□: Jingde Cong
□: jade.cong@qq.com
□: https://www.linkedin.com/in/jingde-cong-a1a85614b)

JadeCong26
(https://x.com/JadeCong26)JadeCong
(https://github.com/JadeCong)

Masterpieces Biographies



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Mar 2012 National Inspirational Scholarship from Tianjin Ren'ai College SUMMARY Annual National Scholarship.

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.

Jul 2020

Induced feedback force compensation strategy of master-slave minimal invasive surgical robotic system (http://tjgydx.scizazhi.com/) by Journal of Tiangong University

SUMMARY

Based on the master-manipulator's dynamic model, the strategy of the induced feedback force compensation was proposed and a teleoperation experiment was performed. The experimental results showed that the induced feedback force model proposed can well describe the actual induced feedback force.

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Think and act, Win with respect~

— Jade Cong(Myself)

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