Hejun Wang

GPA:3.90/4.0

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Biography

I am a highly experienced **Deep Learning** investigator with over **1 years of experience** in **Autonomous Vehicle** and have an EI paper with me as the first author. I have rich knowledge of popular frameworks such as **Pytorch, Tensorflow**. Furthermore, I am a skilled **Embedded System** engineers. **Embodied AI** that senses from **real world**, thinks in **real-time** and actuates upon **real things** always interests me.

Awards

- Third Class Scholarship of Zhejiang University
- 2022 Third Prize for National Mathematical Modelling Competition

Education

Zhejiang University, Chu Kochen Honors College   Hangzhou, Zhejiang, China
Undergraduate of Cyber-system and Control   *Sep 2020 – Present*

Experience

Quamtun Computing Researcher   Feb 2022 – Jun 2022
Supervisor: Xi Wan, Email: xinwan@zju.edu.cn   *Zhejiang University, Hangzhou, Zhejiang, China*

- Simulate the application of Shor code in **Quantum-Bits Transformation**.
- Based on the **Toric Code**, an algorithm is designed to correlate random errors in quantum computing.
- Design an effective scheme to reduce the error rate of quantum computing.

Provincial Innovation Programme of Zhejiang Province   Mar 2022 – Jun 2023
Supervisor: Xiong Rong, Email: rxiong@zju.edu.cn   *Zhejiang University, Hangzhou, Zhejiang, China*

- Put forward a novel **representation for continuous trajectory** of **Fourier Series**.
- Propose an effective and efficient hierarchy of **end-to-end** autonomous vehicles.
- Achieve **state-of-the-art performances** both in simulations and real world.

Oral Presentation for IEEE Conference of Real-time Computing and Robot 2023   Jul 2023
Supervisor: Xiong Rong, Email: rxiong@zju.edu.cn   *Datong, Shanxi, China*

- Introduce Knowledge Distillation for human-like semantic reasoning.
- First Author of ***Knowledge Distillation On Driving Intention Generator:Learn Human-like Reasoning***.
- Give an **oral presentation** on RCAR.