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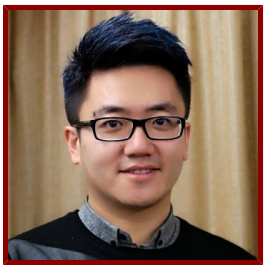

Jianqing Chen

- Affiliate, Mechanical Engineering - Design
- Visiting Scholar, Mechanical Engineering - Design

Bio

BIO

I work on robotic remote control and manipulation systems utilizing reinforcement learning (RL). My focus is on developing RL-based algorithms that enable robots to learn optimal control strategies for tasks such as navigation, object manipulation, and interaction with dynamic environments. By training robots through trial and error, these systems continuously improve their performance, adapting to new situations and enhancing autonomous control. The goal is to achieve more efficient and precise robot behavior in real-world applications.

I worked over 7 years in investment and asset management. I lead 280 Capital, a Multi-Family Office with over $600M under management, focus on digital assets and cutting-edge technologies.

I have a strong background in AI, Storage, Encryption etc. I am in the great team to do designs in the latest enterprise-grade storage SSD system chips, from 16nm to 7nm, at Broadcom and SK Hynix. I also led the construction and optimization of large-scale biodata software and hardware data architectures at Roche to support scalable advanced DNA sequencing computations. I hold multiple U.S. patents, using various methods such as deep learning and AI to improve storage and computing efficiency.