

ZHUORAN LI

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EDUCATION

Tsinghua University B.S in Department of Electronic Engineering

August 2016 - July 2020

Tsinghua University Ph.D in Institute for Interdisciplinary Information Sciences

August 2020 - present

guided by Dr. Longbo Huang

EXPERIENCE

Unsupervised monocular depth estimation

Jul.2019 - Sep.2019

Summer Intern in Megvii

- Relative depth estimation is realized by using the method in the paper "Digging into Self-Supervised Monocular Depth Prediction"
- Realize real-time depth estimation.

Certified robustness radius analysis

Nov.2019 - Jun.2020

Bachelor's thesis

- Analyze the influence of certified robustness radius in adversarial learning

Distributed online convex optimization via projection-free algorithms in time-varying network

Feb.2021 - Feb.2022

- Utilize approximate projection method in distributed environment to achieve a sublinear static regret and propose a dynamic regret.

Network topology optimization via deep reinforcement learning method

Dec.2021 - Feb.2022

- Utilize DRL framework to solve a network planning problem.

ACADEMIC ACHIEVEMENTS

Scholarship for Outstanding Students (about 4/90 students in Dept. of Hydraulic Engineering), Dept. of Hydraulic Engineering, Tsinghua University. 2017

National Scholarship for Encouragement (about 38/284 students in Dept. of Electronic Engineering), Dept. of Electronic Engineering, Tsinghua University. 2018

Scholarship for Outstanding Students in Technological Innovation(about 38/284 students in Dept. of Electronic Engineering), Dept. of Electronic Engineering, Tsinghua University. 2018

Outstanding Prize in The Mathematics Contest in Modeling (MCM/ICM), member. 2018