Qi Yang

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EDUCATION

HuaZhong University of Science and Technology **Wuhan, Hubei**
Bachelor of Engineering, Automation **Sep. 2015 - Jun.2019**
GPA : 3.4 (Top 30%) **IETLS** : 6.5 band

- Dissertation: Research on Mechanism of Scaling Law in cities (Funded by National Nature Science Foundation of China)
- Coursework in Artificial Intelligence, System Identification and Information System
- Elected to President for Science Fiction Association of HUST and Science Fiction Association Union of Wuhan in 2016
- Award Outstand Graduate of HUST (2018)
- Received Scholarship for Self-improvement (2019)

WORK EXPERIENCE

Evolution Intelligence Key Laboratory **Shenzhen, GuangDong**
Research Assistant **Jun.2019 - Sep 2019**

- Prepared literature for reports and submission to peer-to-review Journal
- Experiment design and implement and performed statistic data analysis

PROJECT & RESEARCH

Research on Cooperative Co-evolution Algorithm in Reinforcement Learning
Advisor: Ke Tang (Professor) **Sep. 2019 - Present**

- Figure out the potential of evolution algorithm in Reinforcement Learning especially CCOA
- Improve the performance of RL algorithm in large scale optimization such as Atari and Mojuco

Life prediction and Health Diagnosis of Rolling Bearing with Support Vector Machine
Advisor: Ye Yuan (Professor) **May. 2018 - Jun. 2018**

- Train a network to predict the life of rolling bearing and recognize inferior bearing
- Achieve a 93% accuracy on Industry Real Rolling Bearing Dataset

Research on Mechanism of Scaling Law in cities (Dissertation of Bachelor)
Advisor: Min OuYang (Assistant Professor) **Dec.2018 - Jun.2019**

- Collect and analysis macro statistic data about cities and validate scaling law
- Build mathematics model of cities and Justify the distinction and similarity of scaling law between different cities

Develop the "maturity" conception in city development and predict the trend and limit by machine learning