

# Guoming Li

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## ■ Research Interests

- Deep Learning on Graph and its application on real-world
- (Complex) Network Science with Graph Neural Network's method

## ■ Education Background

**Bachelor:** South China University of Technology (Sep 2016 — June 2020)

- Information Engineering, School of Electronic and Information Engineering
- GPA: 3.3/4.0 (35%)

**Master:** Institute of Automation, Chinese Academy of Sciences (Sep 2021 — present)

- Social Computing (AI + Network Science)
- GPA: 3.54/4.0 (First year courses)

## ■ Research Experience

**Research Interest Group** (Mar 2018 – Jul 2018)

- Title: Image style transfer with deep learning
- Work: I reproduce the article *Arbitrary Style Transfer in Real-time with Adaptive Instance Normalization* (Huang et al, 2017) by myself.

**Bachelor Graduation Design** (Nov 2019 – April 2020)

- Title: Deep learning method in super-resolution

- Work: I reproduce the article *Image super-resolution using deep convolutional networks* (Dong et al, 2016), and try to find out what and how the factors in neural network influence the efficiency of the algorithm.

### **Enter Research Laboratory ahead of Schedule** (Apr 2021 – Aug 2021)

- Laboratory name: The State Key Laboratory of Management and Control for Complex Systems, Institute of Automation, Chinese Academy of Sciences
- Work: I help the supervisor and upper grade students by processing the COVID-19's spatial-temporal epidemics data and modelling the complex network with differential propagation process on it.

### ■ **Adwards**\_\_\_\_\_

- The Chinese Mathematics Competitions, the second prize, 2018/2019
- Contemporary Undergraduate Mathematical Contest in Modeling, the third prize, 2018/2019
- “Hongpingchangqing” Student science and technology innovation competition scholarship, the third prize, 2018/2019

### ■ **Skills**\_\_\_\_\_

- Mathematical derivation, Understanding of mathematical theory
- Coding with python, Reproducing the articles
- Very little help is needed in reading the articles in English

### ■ **Publications**\_\_\_\_\_

- Sorry, I haven't any publication yet.....

### ■ **Self-Evaluation**\_\_\_\_\_

At first, I must sincerely appreciate that you are willing to read my CV :) .

*Update in May 25, 2022*

I am a man who is full of contradictions. e.g., I am always confident but also full of self-doubt. It means that I am willing to challenge and believe that I can handle the hardship, but I will always think that my performance is not good enough after solving the problems.

I am not a fortunate man because I often waste time in searching for what I am interested in and lacking guidance. I am now in a dilemma because I have to learn Graph Learning myself without anyone's guidance, but I would never give up and try best to pursue my heart.