WANG MA

+1 518-961-7579 ⋄ Troy, NY USA

maw6@rpi.edu ⋄ wangma2002@gmail.com ⋄ Homepage

EDUCATION EXPERIENCE

Rensselaer Polytechnic Institute (RPI)　　　　　　　　　　08/2024 – 05/2029 (Expected)

- **Ph.D** in **Computer & System Engineering**
- **Adviser:** Prof. Qiang Ji
- **Research Interests:** Bayesian Deep Learning, Statistical Learning Theory and Optimization

Southern University of Science and Technology (SUSTech)　　　　　08/2020 – 07/2024

- **B.S.** in **Data Science and Big Data Technology** (GPA: 3.44/4.0) Transcripts)
- **Adviser:** Prof. Chao Wang
- **Main Courses:** Statistical Learning, Algorithms for Convex Optimization, Real Analysis, Numerical Analysis, Statistical Linear Models, Operational Research and Optimization, Machine Learning, Mathematical Statistics, Discrete Mathematics, Advanced Linear Algebra, Probability Theory, Mathematical Analysis

University of California, Irvine　　　　　　　　　　　　　　　03/2023 – 07/2023

- **Exchange Student** (GPA: 4.0/4.0, Transcripts)
- **Courses:** Stochastic Process, Optimization II, Individual Study

ACADEMIC PROJECT AND ACTIVITY

Seminar: AI: Optimization, Theory & Responsibility　　　　　　　07/2024 – 09/2024
SUSTech　　　　　　　　　　　　　　　　　　　　　　*Shenzhen, P.R.China*

- **Organizer:** Prof. Chao Wang and me
- my talks on Bayesian Optimization and Bayesian Neural Networks

Project: Image Restoration based on Generative Models　　　　　03/2024 – 08/2024
SUSTech　　　　　　　　　　　　　　　　　　　　　　*Shenzhen, P.R.China*

- **Adviser:** Prof. Chao Wang
- **Main Concentration:** : Unpaired Image Denoising via VAE & Diffusion-based Hyperspectral Image Restoration
- **Undergraduate Thesis:** End-to-end Unpaired Image Denoising Based on Mutual Information Enhancement

Seminar: Introduction to and Advances in Self-Supervised Learning　　06/2023 – 09/2023
SUSTech　　　　　　　　　　　　　　　　　　　　　　*Shenzhen, P.R.China*

- **Organizer:** Prof. Chao Wang, Shengjie Niu
- my talks on Meta-Learning and Optimizers

SKILLS

Programming	Python, Java, Matlab
Software & Tools	Texmacs, Typora, Latex, Jupyter Notebook, MS Office, Pychram, Git
Language	Mandarin Chinese, English, Shaanxi Dialect Chinese, Japanese

AWARDS & HONORS

Second Prize in Guangdong Province in CUMCM 2021　　　　　　**SUSTech**, 10/2021

2021–2022 Excellent Student Scholarship   **SUSTech**, 09/2022

2020–2021 Excellent Student Scholarship   **SUSTech**, 09/2021

Square-1 2nd Runner-up in Rubik's Cube China Championship 2018   ***Beijing***, 07/2018
World Cube Association

Square-1 2nd Runner-up in Rubik's Cube China Championship 2017   ***Xi'an***, 07/2017
World Cube Association

OTHER INTERESTS

Rubik's Cube: My result in Square-1 event officially ranks No.2 in mainland China (until July, 2023).

Baseball: Watching NPB, Koshien, MLB games. I am a fan of Shohei Otani!

Anime: One Piece is my favorite anime! I watched tons of Japan Anime in past years, and corresponding Japan Idol Plannings also attracts me, like Lovelive.