

WANG MA

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EDUCATION EXPERIENCE

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

- **Undergraduate in Data Science and Big Data Technology** (GPA: 3.42/4.0 (overall); 3.63/4.0 (2021-2023) & 3.11 (2020-2021), [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 EXPERIENCE

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](#)

Literature Review: Meta Learning and Reinforcement Learning 03/2023 – Present
University of California, Irvine United States

- **Adviser:** [Prof. Hengrui Cai](#)
- now working on a Survey (coming soon)

Self-study (mainly reading papers) 02/2023 – Present

- **Stable Diffusion:** ControlNet, Denoising Diffusion Probabilistic Models (DDPM), Latent Diffusion Models (LDM)...
- **Meta Learning:** MAML, Reptile, FO-MAML, ProMAML, iMAML, ANIL, FO-MAML with Moreau Envelope...
- **Basic Reinforcement Learning:** Sutton's Textbook, [Material](#) by [Prof. Bolei Zhou](#)(UCLA);
- **Aligning Language Models**(recently started): [with f-divergence minimization](#);

Image, Inverse Problem and Deep Learning Seminar 08/2022 – 03/2023
SUSTech Shenzhen, P.R. China

- **Organizer:** [Prof. Chao Wang](#)

SKILLS

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

AWARDS & HONORS

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.