



SUMMARY

I am a Data Science student at Shanghai Jiao Tong University with a strong foundation in machine learning, computer vision, and statistical modeling. Currently on exchange at Nanyang Technological University in Singapore, I am conducting computer vision research on video matting at MMLab, gaining hands-on experience in deep learning and large-scale experimentation. Beyond technical expertise, I bring communication skills and interdisciplinary insight, enabling me to bridge technical innovation with real-world applications.

EDUCATION

Shanghai Jiao Tong University

Antai College of Economics and Management

Bachelor's Degree in Big Data Management and Application

2023 - 2027

Nanyang Technology University

College of Computing and Data Science

Exchange Student in Data Science and Artificial Intelligence

2025 fall

SKILLS

- Python, SQL, Stata
- Data Collection and Preprocessing
- Model Designing
- Model Training
- CV Industry Insights
- Teamwork & Leadership

LANGUAGE

- Chinese (Native)
- English (Fluent)

REFERENCE

Shangchen Zhou

Research Assistant Professor @MMLab

College of Computing and Data Science

Nanyang Technology University

Email: shangchenzhou@gmail.com

PROJECT EXPERIENCE

Video Matting

MMLab NTU | 2025.8.3 - 2025.12.5

- Assist in a sophisticated video matting model
- Collect appropriate videos from internet
- Cut videos into clips and get the mask of objects
- Programme to train the model

RELEVANT COURSEWORK

Machine Learning

SJTU | 2025 Spring

Linear models, SVM, neural network, deep learning, tree models, ensemble learning and clustering.

Neural Network & Deep Learning

NTU | 2025 Fall

DNN, CNN, RNN, transformers, GAN and basic applications and coding.

Optimisation Methods

SJTU | 2025 Spring

Convexity, linear programming and duality, polyhedral, combinatorics, conic programming and KKT conditions.

PAPER

MatAnyone 2: Scaling Video Matting via a Learned Quality Evaluator

Data collection and preprocessing

MMLab | 2025

Computer Vision