

Xinyue Zhang

☎ (+86)15695217921 | ✉ 213171730@seu.edu.cn | 🗣 verBubble

Education

Southeast University

BACHELOR OF ELECTRONIC SCIENCE AND ENGINEERING

- Imperial College London, London, Britain — data science summer school from July to August in 2019

Nanjing, China

2017.09–present

Skills

Languages	Python, C, C++, matlab
Frameworks	PyTorch
Libraries	Opencv-python, PyQt, QT
Others	Basic knowledge in data structures and algorithm.

Competition and Project Experience

Smart Car Race

THIRD PRIZE

- Using PID algorithm to control smart car.

Nov. 2018 - Mar. 2019

SRTP Project in National Level

TEAM LEADER

- Style Transfer in Glasses
- Training Neural Network using PyTorch and deploying algorithms in embedded device called Jetson nano.
- Using tricks like width multiplier and cuda to minimize model's size and speed fps(frame per second) up from 4 to 21.
- One software copyright for Style Transfer Platform.
- One patent application has been submitted.

Nov. 2018 - present

Zhejiang LAB CUP GLOBAL AI COMPETITION MOT track

NO. 9 OUT OF TOTAL 234 PARTICIPATES

- A Multiple Object Tracking System
- Employing cascade mask-rcnn to detect pedestrians and a deepsort algorithm to associate objects across different frames.

August. 2019 - present

Projects

Style Transfer in PyQt.

- An interface to real-time style transfer.
- Styles can be changed by pushing buttons.

Render Tools.

- A pure C++ implementation of Rasterization and ray tracing.

Style Transfer with Multiplier.

- Style Transfer with width multiplier to minimize model's size and speed up