


YIFAN WANG

 <https://github.com/Zc0in>  wyf020803@berkeley.edu

 wangyf7@shanghaitech.edu.cn

EDUCATION

ShanghaiTech University, Shanghai, China
Undergraduate

Aug 2020 -

University of California, Berkeley, CA, US
Junior Year

Aug 2022 - June 2023

TECHNICAL SKILLS

Programming: Python, C, C++, R, Latex
Software & Tools: Matlab, MS Word, MS PowerPoint, MS Excel

GPA

TOEFL: 101/120
Major GPA: 3.90/4.00
Total GPA: 3.77/4.00
Major Rank: 13/177
Institute Rank: 17/248

CORE COURSES

Introduction to Information Science and Technology: A Linear Algebra: A Mathematical Analysis: A-
General Physics: A Algorithms and Data Structures: A- Probability and Statistics: A Computer Archi-
tecture: A- Signals and Systems: A+ Mathematical Modeling: A+ Introduction to Artificial Intelligence:
A Introduction to Machine Learning: A Designing, Visualizing and Understanding Deep Neural Networks:
A Computer Vision: A Applications of Parallel Computers: A Foundations of Computer Graphics : A

PROJECTS & RESEARCH EXPERIENCE

RA in Whitney Lab, UC Berkeley

- Cooperating with PhD Candidate Peter Ren as his RA, under the supervision of Prof. David Whitney and Prof. Stella Yu.
- Constructing the new video-based dataset named BEAT about emotion recognition, creating the new benchmark.
- Use the Diffusion model to generate super-resolution image from low-resolution.

Internship in Cocosci, MIT under the supervision of Prof. Chuang Gan

- Mainly focus on the the integration between diffusion model and multi-object tracking, cooperating with Prof. Yutong Ban and Dr. Yihong Xu.
- The integration between diffusion model and Motion detection in video domain, cooperating with Prof. Runhao Zeng.

Robomaster Auto-aim project

- Robomaster is a robot competition hosted by DJI, the participating teams independently developed robots.
- I'm in charge of the development of the Auto-aim system of the robot, which combines the part of compute vision, deep learning, HCI, control and robotics.
- We won second prize for two years.

AWARD

- 2021 & 2022 Robomaster Second prize
- 2021-2022 Merit Student
- 2022-2023 Undergraduate International Exchange Special Scholarship