YUEXI SHEN

DETAILS

Email
melodyincopenhagen@gmail.com

Date of birth
July 2, 2003

SKILLS

- C++
- Python
- Java
- Machine Learning
- Pytorch

LANGUAGES

- Mandarin Chinese
- TOEFL 105/120
- Cantonese

HOBBIES

Photography
Film
Reading&Writing
Music

EDUCATION

High school, Xi'an Jiaotong University, XI'AN
September 2018 — June 2024

- Young Gifted Honor Program, graduated within top 30% among 115 people

Bachelor's degrees, Xi'an Jiaotong University, XI'AN **GPA:3.43**
September 2020 — June 2024

- Artificial Intelligence Honor Program, with GPA 3.56 in the second year, 3.76 in the third year.
- Received a third-class scholarship

University of California, Berkeley, Berkeley **GPA:3.57**
January 2023 — May 2023

- As a BGA student
- Relative courses: Optimization Models in Engineering(A), Data Structure(A-)

INTERNSHIPS

Research Apprentice, for Fashion Image-to-Video Synthesis Project
July 2023-August 2023, at Hong Kong University of Science and Technology.
Advised by Professor Dan Xu

- Based on Dreampose from Graphics and Imaging Lab at UW, I am trying to solve the problem of flickering.
- Proposed to add temporal attention and optical flow to the original model.

Back-end Development, for Data Visualization Group
June 2023-July 2023, at Ningbo Shun'an Artificial Intelligence Research Institute.
Advised by Shuaishuai Zhai

- The backend database is developed based on Node.js and MongoDB.
- Implemented modules of image uploading, user and image management

PROJECTS

Graph Convolutional Networks for Text Classification
October 2022 — November 2022, at Xi'an Jiaotong University

- Using graph neural network to build an emotion classifier
- Implemented using PyTorch Geometric on MR dataset
- The accuracy of the model has reached 87%

Pedestrian Detection
November 2022 — December 2022, at Xi'an Jiaotong University

- Sliding windows and HOG+SVM is applied to pedestrian detection.
- Non-maximum Inhibition is used to remove duplicate boxes

Vision Transformer and Masked Autoencoder
April 2023 — April 2023, at UC Berkeley

- Implement the main architechture of two papers: An Image is Worth 16x16 Words: Transformers for Image Recognition at Scale and Masked Autoencoders Are Scalable Vision Learners.

HONORS&AWARDS

The Interdisciplinary Contest in Modeling, Honorable Mention
February 2021

China Undergraduate Mathematical Contest in Modeling, Provincial second prize
September 2021

National University Students' Opt-Sci-Tech Competition, Provincial second prize
July 2022