



Gan Shuyu
 Roll No.: 3200104998
 Zhejiang University

+86-17300987266
 derek.sygan@gmail.com
 3200104998@zju.edu.cn
 GitHub Profile

EDUCATION

•Zhejiang University

Hangzhou, CN

Junior student of Computer Science and Technology(*Turing class*)

Sept.2020-Current

- GPA:3.95/4(91.67/100), ranking:5/82
- Working as Commissioner of Culture and Sports
- Courses: Mathematical Analysis, Linear Algebra, Fundamentals of Programming and Algorithms, Data Structure, Advanced Data Structure and Algorithm Analysis, Fundamental of Artificial Intelligence, Numerical Analysis, Convex Optimization...
- Officer of "Green Bud Guarding" Society in Medical College. Mainly responsible for app development and curriculum design

SKILLS

•Programming

Python, C++, Java

- I'm familiar with Python(Panda, PyTorch, Numpy and etc.), Java, C/C++ since I performed well in relevant curriculums and I'd like to practice programming in my spare time.
- I also have intimate knowledge of Ubuntu 22.04 and Linux environment.
- I also know well of operations of Github and Gitee since I have ever been involved in some team development projects.
- Grades: I've got 99/100 in Fundamental of Programming and Algorithms, 93/100 in Python Programming, 92/100 in OOP(C++).

• Fundamentals of Mathematics and Physics

mathematics, physics

- To some extent, I perform remarkably in professional basic courses. Here is a chart summarizing my transcript below, which provides a quick overview of my academic achievements in the relative curriculums.

Curriculum	Grades/GPA
Mathematical Analysis I	95/5.0
Mathematical Analysis II	96/5.0
Linear Algebra	98/5.0
Numerical Analysis	97/5.0
Convex Optimization	94/4.8
General Physics I,II	96/5.0
Fundamental of Data Structure	96/5.0
Advanced Data Structure and Algorithm Analysis	92/4.8
Theory of Computation	98/5.0

•Sports and Exercise

Run! Run! Run!

- I would like working out in fitness center in my spare time, I participated in the 1500-meter race of Zhejiang University Games in 2021 and Campus Half Marathon in 2022. I especially love long running.

ACHIEVEMENTS

•Zhejiang Provincial Physics Competition (Theory)

2021

Second Prize

•National Undergraduate Mathematics Competition

2021

Second Prize

•Zhejiang University's top-notch scholarship for basic disciplines

2021,2022

Winner

•Second prize scholarship of Zhejiang University

2021, 2022

Winner

•Zhejiang Provincial Government Scholarship

2022

Winner

•Final of the second "Big Health" Innovation Competition of ZJU School of Medicine

2023

Third Prize

RESEARCH EXPERIENCE

•Multi-culture Gesture Generation Project

ZJU IDEA Lab

International Design Laboratory of Zhejiang University

Feb.2023-Current

- I joined the International Design Laboratory of Zhejiang University as an internship. Under the leadership of an associate professor and a senior doctoral student, our group carries out a research project on multi-cultural and cross-national multimodal gesture prediction.
- Now We have finished the paper and submitted it to ACMMM conference.

•Scientific Research Seminar

Seminar

Group of Prof. Chunhua Shen, State Key Laboratory of CAD&CG

Nov.2022-Current

- During my studies, I gained exposure to various research areas within computer vision, including perception detection, model generation, 3D generation and rendering. Additionally, I acquired a strong foundational knowledge related to computer vision and deep learning.
- I also gave a talk regards to automatic vehicle tasks.

•Dynamic Sequence Prediction Based on Static Images

Yangye Zhou, Zheng Huang, me

Scientific Training Program

Jun. 2022-Current

- We want to propose a model which can predict a person's 3D dynamic sequences from an input static image with people.

PUBLICATIONS

–Cultural Self-Adaptive Multimodal Gesture Generation Based on Multiple Culture Gesture Dataset

Accepted

Jingyu Wu, Shi Chen, Shuyu Gan, Weijun Li, yang changyuan eric, Lingyun Sun

ACMMM 2023

LANGUAGE

- Chinese**, Native proficiency
- English**, 99 for TOEFL

References available upon request.

Last updated: August 28, 2023