



## Litao Guo

Undergraduate Student,  
of Yingcai Honors College  
of UESTC

- December 12, 2002
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- Chinese

## Grades

GPA: 3.93/4 , IELTS: 7

## Skills

- Python, C, Matlab
- Pytorch, Tensorflow, Linux

## Social Network

- Google Scholar Link
- Personal Homepage Link

## Education

Sep. 2021 – Now      **University of Electronic Science and Technology of China**  
Currently pursuing a Bachelor's degree in:  
Mathematics-Physics Fundamental Science (Yingcai Honors Program of UESTC), 24 students selected from approximately 5,000 students

## Research Experience

July. 2024 – Now      **Department of Machine Learning, MBZUAI**      Visiting Student  
Under the guidance of Professor Qiang Sun, research focus on fundamental generative models and its theory.

Mar. 2024 – Now      **StatsLE Lab, University of Toronto**      Online Research Assistant  
Under the guidance of Professor Qiang Sun, research focus on Diffusion Model and AI for medicine.

Jun. 2022 – Feb. 2024      **Center for Future Media, UESTC**      Research Assistant  
Under the guidance of Professor Lianli Gao and Professor Jingkuan Song, research focus on computer vision, specialize in generation models.

Jul. 2023      **Artificial Intelligence Laboratory, NTU**      Summer Program  
Study and practice medical image processing.

## Publications

Nov. 2023      **Make-A-Storyboard: A General Framework for Storyboard with Disentangled and Merged Control**  
*S Su\*, L Guo\*, L Gao, HT Shen, J Song*  
Submitted to IEEE TRANSACTIONS ON IMAGE PROCESSING(TIP)  
Project Page:  
<https://litaoguo.github.io/Make-A-Storyboard.github.io/>

Nov. 2023      **MotionZero: Exploiting Motion Priors for Zero-shot Text-to-Video Generation**  
*S Su, L Guo, L Gao, HT Shen, J Song*  
Submitted to IEEE Transactions on Circuits and Systems for Video Technology (TCSVT)  
Project Page:  
[https://sitongsu.github.io/MotionZero\\_.github.io/](https://sitongsu.github.io/MotionZero_.github.io/)

May. 2024      **B vitamin dynamics during pregnancy and the risk of postpartum anemia**  
*Submitted to Nature Communications, served as the third author.*  
Project Page:  
<https://github.com/statsle/B-vitamins-and-postpartum-anemia>

## Awards

2023      Ranked in top 5% in the 17th IEEEExtreme Programming Competition

2023      Second Prize in the Mathematical Modeling Competition at UESTC

2023      Best Technical Award in Engineering practice innovation project at UESTC

2022      “Model Student Scholarship” at UESTC

2022      Third Prize in the 20th ACM Programming Competition at UESTC

2021      First Prize in the “MengSheng Cup” Electronic Design Competition for Lower Grades at UESTC

2019      First Prize in National Olympiad in Informatics in Provinces (NOIP)

## Extra-Curricular Hobbies

Soccer      Amateur soccer enthusiast  
Board Game      Avid board game enthusiast