# Litao Guo

Undergraduate Student, of Yingcai Honors College of UESTC

- December 12, 2002
- guolitauo@gmail.com
- +86 136 2346 4491
- 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 |
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**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. |
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| 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** <br> *S Su\*, **L Guo\***, L Gao, HT Shen, J Song* <br> Submitted to IEEE TRANSACTIONS ON IMAGE PROCESSING**(TIP)** <br> Project Page: <br> `https://litaoguo.github.io/Make-A-Storyboard.github.io/` |
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| Nov. 2023 | **MotionZero: Exploiting Motion Priors for Zero-shot Text-to-Video Generation** <br> *S Su, **L Guo**, L Gao, HT Shen, J Song* <br> Submitted to IEEE Transactions on Circuits and Systems for Video Technology **(TCSVT)** <br> Project Page: <br> `https://sitongsu.github.io/MotionZero_.github.io/` |
| May. 2024 | **B vitamin dynamics during pregnancy and the risk of postpartum anemia** <br> *Submitted to **Nature Communications**, served as the third author.* <br> Project Page: <br> `https://github.com/statsle/B-vitamins-and-postpartum-anemia` |

# Awards

| 2023 | Ranked in top 5% in the 17th IEEExtreme Programming Competition |
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| 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 |
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| Board Game | Avid board game enthusiast |

# 电子科技大学本科生成绩单

## Official Undergraduate Transcript of University of Electronic Science and Technology of China

Name:Guo Litao    Student ID:2021060904010    Gender:Male

Date of Birth:2002-12-12    Date of Enrollment:2021-08-26    Duration:4 Years

School:Yingcai Honors College    Major:Mathematics-Physics Fundamental Science (Yingcai Honors Program of UESTC)

Compulsory Courses

| Courses | Term | Credit | Score | GP | Courses | Term | Credit | Score | GP |
|---|---|---|---|---|---|---|---|---|---|
| Programming Design Methods | 2021-2022-1 | 3 | 98 | 4.0 | Advanced Algebra and Geometry I | 2021-2022-1 | 4 | 87 | 4.0 |
| Advanced Calculus I | 2021-2022-1 | 5 | 90 | 4.0 | Military Theory | 2021-2022-1 | 2 | 90 | 4.0 |
| Military Training | 2021-2022-1 | 2 | P | 4.0 | Introduction to Artificial Intelligence | 2021-2022-1 | 1 | 90 | 4.0 |
| Appreciation of Human Civilization | 2021-2022-1 | 1 | 91 | 4.0 | Ideology and morality and the rule of law | 2021-2022-1 | 3 | 96 | 4.0 |
| General English | 2021-2022-1 | 3 | 85 | 4.0 | mental health and the ability of innovation | 2021-2022-1 | 2 | 95 | 4.0 |
| footballA | 2021-2022-1 | 1 | 91 | 4.0 | ACM-ICPC Algorithm and Program Design | 2021-2022-2 | 2 | 90 | 4.0 |
| Lecture of UESTC | 2021-2022-2 | 1 | P | 4.0 | Physical Experiment I | 2021-2022-2 | 2 | 90 | 4.0 |
| Special Lecture on the Historiography in Reform and Opening up | 2021-2022-2 | 1 | 95 | 4.0 | Advanced Algebra and Geometry II | 2021-2022-2 | 4 | 80 | 3.5 |
| Advanced Calculus II | 2021-2022-2 | 5 | 90 | 4.0 | Table tennis B | 2021-2022-2 | 1 | 100 | 4.0 |
| Mathematics and creativity(H) | 2021-2022-2 | 2 | 86 | 4.0 | Exploring Information Mystery（PBLF) | 2021-2022-2 | 1 | 96 | 4.0 |
| The Summary of Chinese Modern History | 2021-2022-2 | 3 | 98 | 4.0 | University Physics II | 2022-2023-1 | 4 | 87 | 4.0 |
| Physical Experiment II | 2022-2023-1 | 2 | 88 | 4.0 | Advanced Calculus III | 2022-2023-1 | 4 | 90 | 4.0 |
| Discrete Mathematics | 2022-2023-1 | 3 | 92 | 4.0 | Theoretical Mechanics | 2022-2023-1 | 3 | 86 | 4.0 |
| Table Tennis C | 2022-2023-1 | 1 | 94 | 4.0 | Data Structure and Algorithm | 2022-2023-1 | 3 | 84 | 3.9 |
| Physical integrative innovation project(H) | 2022-2023-1 | 1 | 87 | 4.0 | English For Academic Reading | 2022-2023-1 | 2 | 87 | 4.0 |
| Algorithms for Optimization | 2022-2023-1 | 3 | 81 | 3.6 | Probability and Statistics | 2022-2023-2 | 5 | 90 | 4.0 |
| Basic Academic Training I | 2022-2023-2 | 2 | 97 | 4.0 | Artificial Intelligence | 2022-2023-2 | 3 | 96 | 4.0 |
| Engineering practice innovation project(H) | 2022-2023-2 | 2 | 87 | 4.0 | Mathematical Modeling | 2022-2023-2 | 3 | 89 | 4.0 |
| Numerical Analysis | 2022-2023-2 | 3 | 78 | 3.3 | Elements of Information Theory | 2022-2023-2 | 2 | 84 | 3.9 |
| English For Academic Writing and Communication | 2022-2023-2 | 2 | 85 | 4.0 | Marketing Management:Internet Thinking and its Application | 2022-2023-2 | 2 | 85 | 4.0 |

Office of Academic Affairs

UESTC

Print Date:2024-08-15

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## Official Undergraduate Transcript of University of Electronic Science and Technology of China

Name:Guo Litao     Student ID:2021060904010     Gender:Male

Date of Birth:2002-12-12     Date of Enrollment:2021-08-26     Duration:4 Years

School:Yingcai Honors College     Major:Mathematics-Physics Fundamental Science (Yingcai Honors Program of UESTC)

| Courses | Term | Credit | Score | GP | Courses | Term | Credit | Score | GP |
|---|---|---|---|---|---|---|---|---|---|
| football D | 2022-2023-2 | 1 | 94 | 4.0 | The Rise and Fall of Great Countries | 2023-2024-1 | 2 | 95 | 4.0 |
| ※ University Physics I | 2023-2024-1 | 4 | 84 | 3.9 | Quantum Mechanics | 2023-2024-1 | 4 | 86 | 4.0 |
| Basic principles of Marxism | 2023-2024-1 | 3 | 84 | 3.9 | Comprehensive Experiment of Artifical Intelligence | 2023-2024-1 | 1 | 85 | 4.0 |
| Deep Learning | 2023-2024-1 | 3 | 92 | 4.0 | Data Mining and Big Data Analytics | 2023-2024-1 | 3 | 82 | 3.7 |
| The Outline of Mao Tse-tung Thought and Socialist Theoretical System with Chinese Characteristics | 2023-2024-2 | 3 | 88 | 4.0 | Reinforcement Learning | 2023-2024-2 | 2 | A | 4.0 |
| Stochastic Processes | 2023-2024-2 | 3 | 76 | 3.1 | An Introduction to Xi Jinping's Thought of Socialism with Chinese Characteristics in the New Era | 2023-2024-2 | 3 | 92 | 4.0 |

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| Elective Courses | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|
| Sketching | 2021-2022-2 | 2 | 90 | 4.0 | Experiment art and life | 2021-2022-2 | 1 | 98 | 4.0 |
| Physics History | 2022-2023-2 | 2 | 91 | 4.0 | Introduction to The Protestant Ethic and the Spirit of Capitalism | 2023-2024-1 | 2 | P | 4.0 |
| Short-term Overseas Exchange Program | 2023-2024-1 | 0.5 | 90 | 4.0 | Machine Learning | 2023-2024-2 | 3 | 90 | 4.0 |
| Nutrition and health | 2023-2024-2 | 2 | 97 | 4.0 | | | | | |

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Weighted Average: 88.66
GPA: 3.93

Note: △ represents make-up score, ※ represents re-study score

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UESTC
Print Date:2024-08-15