

# Kangcan Yao (尧康灿)

University of Science and Technology of China

Email: [kcyao@mail.ustc.edu.cn](mailto:kcyao@mail.ustc.edu.cn)

## Education

---

**University of Science and Technology of China**

09/2023 – Present

School of Physical Sciences

**Major:** Physics

**Relevant Courses:** Quantum Mechanics A, Computer Programming A, Electrodynamics, Probability Theory and Mathematical Statistics, Theoretical Mechanics A

## Research Experiences

---

**Theoretical learning of quantum active matter**

12/2024 – Present

**Advisor:** Prof. Zhonghuai Hou, University of Science and Technology of China  
– Fundamental knowledge of stochastic thermodynamics.

## Awards & Honors

---

First Prize of Anhui Province in the Chinese Mathematics Competitions

Silver Award of the Outstanding Student Scholarship (Top 15%)

## Skills

---

**Skills:** Stochastic process

**Programming Languages:** C, Python, MATLAB, Mathematica,  $\text{\LaTeX}$