Gaoxiang Tang

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homepage
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Education

Renmin University of China	2020.09 – Present
B.S. in Physics	*Haidian, Beijing, China*
GPA: 3.82/4.0 (2/27)	
Chengdu Foreign Languages School	2017.09 – 2020.06
Senior High School	*Chengdu, Sichuan, China*
Chengdu Foreign Languages School	2014.09 – 2017.06
Junior High School	*Chengdu, Sichuan, China*

Research Experience

Research Training for Undergraduates — 2022.10 – 2022.11
TIQS Lab at Renmin University of China — *Haidian, Beijing, China*
- He was involved in the implementation of micromotion minimization methods in a single-ion trap at TIQS in Renmin University of China
- He reproduced the theoretical results presented *Micromotion minimisation by synchronous detection of parametrically excited motion* using numerical calculations

Project Pioneer 2.0 Summer School for Physics — 2022.07
Tsinghua University — *Haidian, Beijing, China*
- He attended and completed the Physics Summer School, hosted by the Department of Physics at Tsinghua University.

Research Training for Undergraduates — 2022.05 – 2022.06
TIQS Lab at Renmin University of China — *Haidian, Beijing, China*
- He was involved in the theoretical design and instrumentation of an experiment to implement quantum state discrimination in the single ion system using PT-Hamiltonian quantities.
- He wrote part of the Mathematica code used to control the experiment equipment

Internships

Research Intern — 2023.01 – Present
Beijing Academy of Quantum Information Sciences — *Haidian, Beijing, China*
- Involved in the setup ion trap equipment

Awards & Honors

Third Class Undergraduate Study Excellence Scholarship	
Renmin University of China	*2022.11*
Second Class Undergraduate Study Excellence Scholarship	
Renmin University of China	*2021.12*
Special Scholarship for Excellence and Innovation	
Renmin University of China	*2021.12*

Specialized Skills

Programming Languages: Python (intermediate), C++(intermediate), FORTRAN(Beginner)
Research Tools: LaTeX(intermediate), Mathematica (Beginner),

Other Interests

Badminton: member of the school of science badminton team
Jogging: has a habbit of jogging 5km per day since junior high school
Real-Time-Strategy Games: fan of *StarCraft* and *Red Alert*