

Yerong Li(Benny)

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My Stony Brook Stay I may stay till September 1st if nothing happens by accident.

Academic Abilities I am a constant self-taught learner and have a strong academic basis for research. For instance, I was exempt from the course *Electrodynamics* in my home university and am now taking two graduate courses at Stony Brook this semester.

Major Course List

- Theoretical Mechanics 99
- Thermodynamics 94
- Electrodynamics 92¹
- Quantum mechanics *Has not been scored*²

Stony Brook Course list

- Quantum Mechanics II *Graduate*
- Nuclear Physics I *Graduate*
- Nuclear and Particle Physics *Undergraduate*

Who am I? I am from Department of Intensive Instruction (*Physics*) of Nanjing University, and my hometown is Nanjing, too. I am now ranking the third in my department.

Computer Skills

Languages C++ *Proficient*
Software Tex *Proficient*
Matlab *Simple programming using Monte Carlo Method*

Research Experiences

- Analysis on cold atomic system which uses laser control to produce periodic fields.
- I read lots of reviews from *Nature Materials* and am very interested in Material Sciences.
- Stimulations on *Ising Model* and *Potts Model* using *Monte Carlo Method*.

¹I was exempt from this course at the beginning of the semester.

²I got 100 in the mid-term, in which only 6/85 students score above 90/100.