



JingAn Sun

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Shanghai

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EDUCATION

Fudan University

Aug 2018 - Aug 2022

Modern physics(Direction of quantum technology) Bachelor

Shanghai

GPA 3.44/4(rank 6 of 34)

Honors and awards

- The 10th National College Student Mathematics Competition (non-mathematics) First Prize
- 2019 "Shenzhen Cup" Mathematical Modeling Challenge Shanghai Region Third Prize
- 2018-2019 Dong Lin Alumni Scholarship
- National Inspirational Scholarship for 2019-2020 Academic Year
- 2020 National College Students Mathematical Contest in Modeling, Shanghai Division, Undergraduate Category Third Prize
- The 12th National College Student Mathematics Competition (non-mathematics) Second Prize

RESEARCH EXPERIENCE

CMS Machine Learning Project

Oct 2020 - Now

research intern

IHEP,CAS

- Train Particle Flow Network based on the data from CEPC(Circular Electron Positron Collider) to classify Z decay mode. The classification accuracy reaches 95%, and I am exploring new use methods to measure R value by the training result.

GCM Many-body calculation

Apr 2021 - Now

research intern

The Institute of Modern Physics,Fudan University

- Use GCM (Generate Coordinate Method) to calculate the energy and wave function of bosonic system in a harmonic trap with delta function interaction.

Main Courses

- Atomic Physics:A
- Theoretical Physics Volume I: A-
- Theoretical Physics Volume II: A
- Quantum Mechanics II: Audit
- Solid State Physics: Waiting for the exam

SUMMARY

Self-motivated, passionate, hard-working ,independent and full of team work spirit