

Yini He

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Education

University of California, Santa Barbara

Expected graduated at June 2023

BS. Physics. GPA:3.97/4.00

Relevant course: math in calculus, linear algebra, differential equations, and vector calculus; general chemistry; classical mechanics of physics. Attend APS2020 in Irvine.

Career Development

Tutor

March 2019-May 2019

- Taached a undergraduate student who are going to study in University of Melbourne
- Designed the structure of classes and improve student's reading, speaking, and reading skills in English.

Zhejiang Guo Mai Telecom Intern.

June 2017

- Serves as an intern in the Zhejiang Guo Mai telecom, and worked as an assembly line worker for a week.
- Collected and analyze the specific data and situation to propose solutions on lowering the loss rate of assembly line workers.

Research Experience

Tesla's Project in China: a portable discharging device design

June 2020-July 2020

- Design a portable discharging device independently with the guidance from a senior engineer.
- Consider the safety and cost issue about this device, and get the acclimation from the manager.

Research Camp

June 2019

- Hiked in the Tengger Dessert
- Analyzed specific geographical and celestial phenomenon, found the theory behind it.
- Did presentation about our research camp experience

Research results applied in practical production

June 2016-December 2016

- Explore the Methods to improve the Matching Degree of Inner Bore and Bearing in Aluminum Wheels.
- Won the third place price in Hangzhou Youth Science and Technology Competition.
- The method has been applied by the Hangzhou Sai Meng Scientific corporation

Volunteering Experience

Physics Circus

Fall 2019

- Contact local primary school, hold "physics night" threes times every quarter.
- Provide those primary students a chance to know better about the physics world.

Honors&Awards

- The third prize in the "China Thinks Big" global competition at Harvard University 2017
- The first prize of Minnerva "Future School Design" at the Silicon Valley Roadshow 2017
- The Nomination Award of the Judges in New York Roadshow concerning Commercial Financing. 2017
- The Level Ten Certificates of Piano and Chinese Zither, Highest Level
- The leader of high school debating club. 2016-2019