YUANCHEN MENG

📅 Dec. 24, 2002

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🎓 EDUCATION BACKGROUND

Shandong Experimental High School	09/2018 - 06/2021
Jinan Foreign Language School	09/2015 - 06/2018

🏆 HONORS&AWARDS

Gold Certificate in UK Chemistry Olympiad 2019 Round One (UKCHO)   (03/2019)

Bronze I Award in the British Physics Olympiad GCSE&AS Physics Challenge   (03/2019)

Gold Award in U.S. Local Chemistry Olympiad Competition China Section (Top15)   (04/2019)

Silver Award in the Rising Star China Chemistry Challenge(RSC3)   (12/2018)

Distinction in Geometry in 2019 ASDAN Math Tournament   (08/2019)

Distinction in Calculus in 2019 ASDAN Math Tournament   (08/2019)

"The Star of the school" Honor in Shandong Experimental High School   (09/2019)

Bronze Medal in 400m in School Sports Meeting   (10/2017&10/2016)

Third Prize in National United Mathematics Competition for Junior High School   (05/2017)

AP Scholar Award   (07/2019)

AP Scholar with Distinction Award   (07/2020)

First Prize in Shan Dong Division National Junior High School Applied Physics Knowledge Competition   (03/2017)

Third Prize in The 21st Hua Luogeng Golden Cup Youth's Invitational Competition   (03/2016)

📖 PUBLICATIONS

Stability of Historical Cases in the Three-body problem, *Yuanchen Meng, Jiangfeng Cao*
on World Scientific Research Journal (WSRJ) ISSN: 2472-3703, Paper ID: WSRJ-1296

Simulator of Wastewater Disposal System, received Certification of Software Copyright
from Copyright Protection Center of China(CPCC), Register Number: 2021SR0333236   02/2021

📖 EXTRACURRICULAR ACTIVITIVES

Team leader in CIS program in Gravitational Mechanics   03/2020-05/2020
- Acquired the knowledge on astrophysics; Assigned tasks to team members and discussed the topic of the paper; completed research paper on "special solution to three-body systems" with the usage of theoretical analysis and computer simulative analysis

Team leader of X-Lab International Scientific Summer Camp in Göttingen, Germany 07/2019
- Experienced lab life in Göttingen; led team members in doing experiments in Physics, Chemistry, Neuroscience and Biology and accomplishing the tasks

Founder and President of German Club   09/2018-09/2020
- Organized the club's daily activities, including giving lectures and arranging discussions to introduce German culture and language

Founder and President of LightC0NE Physics Club   09/2018-09/2020
- Selected some interesting Physics topics to discuss and answered questions of members; offered tutoring courses about competition like BPhO

Member in XinFeng Soccer Club   09/2018-09/2020
- Actively participated in daily training and matches as a striker; learned to cooperate with teammates and developed motor skills and quick response ability

Intern in Shandong Baoyun Information Technology Co., Ltd   07/2020-08/2020
- Participated in the process of developing a software on computers; assisted the testers in software testing by testing the program at the frontend, finding bugs and reporting them to developing team

Volunteer of the Park Optimization   05/2020-07/2020
- Counted the volume of each path on park; gave advice to adjust and improve spatial distribution of the park in my neighborhood by applying data visualization in Python

Volunteer of Community Service to the Old People   03/2020-07/2020
- Communicated and consoled with the old people in my community during COVID-19 with the theories I obtained in AP Psychology

Participant of Wuwei Online Half Marathon   08/2020
- Finished half marathon in Jinan Forest Park within certain time limit to challenge myself during pandemics

The Editor of a German Film "Im Chatroom gefangen"   09/2017
- Worked together with classmates to collect subjects and scenes; finished final editing work individually and published the film on the Internet

Right Back in School Soccer Match   03/2017
- Fully took advantage of my speed to defend the attack from high-speed striker; together with the team beat all components and won the championship

⮃ HOBBIES

- jogging
- programming
- playing soccer
- German culture
- photography
- listening to music

⚙ COMPUTER SKILLS

- Proficiency in Python, C++, Microsoft Office, Adobe Audition, and Photoshop
- Understand Visual Basic
- Understand HTML

🌐 LANGUAGES

- Proficiency in Chinese and English
- Intermediate level in German