**Yu-Chen Hsu**

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# PERSONAL SUMMARY

I am a high student who has a strong passion in learning, searching and investigating. I am a person who likes to engage in curious and difficult task. Also, I am the person who is optimistic and wears a smile on my face all the time.

# EDUCATION

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| **Suzhou Industrial Park Foreign Language School, China** | 2021.09-2024.06 |

*IB Diploma*

* Core Modules: Math AA HL, Economics HL, Physics HL, Chinese A SL, English B SL, Spanish AB.
* Predicted Total IB Scores: **43/45**

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| **Huadong Taiwan Businessman’s School, China** | 2018.09-2021.06 |

*Junior High School*

* Core Modules: Chinese, Mathematics, English, Science, Social Studies, Arts and Music, PE, Integrated Activities

# RESEARCH SEMINAR

**Introduction to Time Series Modeling with Applications in Economics and Public Health**

The program aimed at using R language and statistical tools to solve problems that are in a larger scale, which taught me how to use programming applications to deal with the economic problems in a faster way. It also cultivated my abilities to write a proper essay, give a presentation and reply the question asked in a professional way.

# HONORS & AWARDS

**Awards**

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| * National Gold (Division 1) in 2023 PhysicsBowl | 2023 |
| * Gold Award in BPhO 2023 Senior Physics Challenge | 2023 |
| * Silver Award in BPhO 2023 Online Senior Physics Challenge | 2023 |
| * Global Silver Award in BPhO 2021-2022 Intermediate Physics Challenge | 2022 |
| * Distinction Award in Euclid Contest | 2023 |
| * Math League: Outstanding Award in the Individual Round of High School in China Online Contest | 2022 |
| * Math League: Distinction Team Award in the Team Round of High School in China Online Contest | 2022 |
| * Math League: Regional Honorable Award in the Relay Round of High School in China Online Contest | 2022 |
| * National Honor Award for the extraordinary participation in HEIghten Critical Thinking Assessment | 2021 |

# EXTRACURRICULAR ACTIVITIES

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| **Member of Broadcasting Club** | 2023.09 |

With solid foundation in both Chinese and English writing, I am in charge of writing the bilingual scripts in the school broadcasting club. It allows me to take advantage of my imagination, creativity and independent thinking to work out appropriate scripts. Moreover, the group discussion and team brainstorming also taught me the infinite possibilities of exchanging ideas and the meaning of team spirit.

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| **ASDAN World Youth Economic Forum (WYEF) Business Simulation National Finals** | 2023.7.28-2023.8.1 |

I applied modelling skills in math in calculating the labor, land, and storage costs. By utilizing the differential equations and linear functions to model the cost function, I visualized each cost and the corresponding profit successfully to invest, guiding our team to the top 30% in operation round.

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| **Steam Fair** | 2023.03 |

Our team came up with the “ Water Rocket” project and exhibit it in school steam fair. We applied our Physics knowledge to solve the problems we met in the process of making the water rocket and tested the feasibility. This experience enhanced my practical ability and inspired me to explore deeply in the science world. I received the Best Team Contribution award.

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| **World Book Day** | 2022.10 |

Participated in the WBD event as a scriptwriter and main actor in the adapted drama show of Don Quixote. It improved my confidence to speak in front of the public, and developed my organization as well as coordination skills.

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| **Leader of Recycling Club** | 2021.09.01-2022.01.30 |

As a leader of the school recycling club, I assigned tasks to members according to their strengths and organized activities to raise students’ awareness of garbage sorting and recycling. Our club promoted the right ways of recycling in the school through posters, recycling activities and presentations. It not only improved my communication skills and leadership, but also enhanced my sense of social responsibility.

# LANGUAGE & SKILLS

* IELTS: Listening: 7.5 Reading: 7 Writing: 6 Speaking: 6.5 Overall: 7.0
* Office Skills: Proficient in using software such as Word, Excel, and PowerPoint
* Programming applications: Familiar with Python, Matlab, R language and so on
* A sport lover that has talent in playing different kinds of sports