Han Wen Cheng

(Preferred as Kevin Cheng)
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EDUCATION

Shanghai American School - Puxi Campus, Shanghai, China (G11-G12) August 2024 – June 2026
Unweighted 3.97 GPA (one year in G11)
Honors: Mu Alpha Theta (Math Honor Society) SAS Chapter, AP® Scholar with Distinction

Shanghai High School International Division, Shanghai, China (G9-G10) September 2022 – June 2024
Leadership Experience:
Main tutor and Peer Advisor (PA) of Honors Math (Algebra) and Honors Computer Science subjects

- Compiled and wrote review guides for the midterm and final exams. Wrote and gave lessons to peers under the supervision of faculty teachers before the final exam.
- Directed editors of Math and Computer Science subjects, conversing with them to produce a final PPT and review guide set, as well as additional practice material when deemed necessary.
- Served as the official advisor to whom Honors Math (Algebra) and Honors Computer Science students could seek help from. Distributed PPTs to an average of 50 peers, and review guides were distributed by PA to the entire grade.

EXTRACURRICULAR ACTIVITIES

Entertainment Technology Center, Pittsburgh, Pennsylvania, USA June 2025 – August 2025
Organization: Carnegie Mellon University National High School Game Academy (NHSGA) Pre-College Program

- Was the only composer, sound designer, and sound code manager in the teams that made Nuclear Kong and Cow Party Game. I used FMOD and coded in C# to implement all sound logic. Debugged and synced my and other team's sound issues.

City University of Hong Kong, Hong Kong, China April 2024
Organization: International Mathematical Modeling Challenge (IMMC or IM²C) Committee, COMAP, and NeoUnion

- My team and I were the IMMC Greater China National Outstanding winners. We described and produced an envy-competition model for the equitable distribution of goods.
- I was mainly responsible for coding the mathematical model in C++ from scratch. Later, I adapted the code to Python and added comments for in-line logic.

Blue Mountain, Ontario, Canada and **Harbin Bonski,** China February 2024 and June 2025
Organization: The Canadian Ski Instructors' Alliance (CSIA), Level 1 certification

- In Canada, while visiting friends and family, I headed to Blue Mountain before leaving to have fun skiing, passing the skiing portion of the exam. I later headed to Harbin myself and passed the teaching exam. I plan to officially teach this winter in Shanghai L+SNOW indoor Ski Resort and teach peers at Japan's Niseko United resort.

Shanghai, China January 2023 – Present
Organization: USA Computing Olympiad (USACO)

- Currently a USACO gold division member, achieved in the 2025 March competition. Since then, I've been working my way towards platinum, and solidifying my basics in gold.

MIT, Cambridge, Massachusetts, USA April 2025
Organization: USA-North America Artificial Intelligence Olympiad (USA-NA-AIO)
Through years of independent study and research in AI, CS, and Math, I entered the MIT offline second round contest, achieving a Silver award as listed on the official website.

Toronto, Canada and **Shanghai**, China September 2012 – Present
Organization: The Associated Board of the Royal Schools of Music (ABRSM)

- First started playing the piano in Canada 13 years ago. Achieved ABRSM Grade 7 in 2023 and ABRSM Grade 8 piano performance with distinction in 2025. I've also performed in recording studios with other musicians in the SenDi Piano Center. A short video is on my GitHub.

Shanghai, China November 2024 – Present
Organization: Cambridge Centre for International Research (CCIR) with the mentor Dr. Mohammad Taher Pilehvar

- After years of exploring Natural Language Processing, I had the chance to join the CCIR online research program. I proposed a novel mechanic for debiasing techniques for LLMs, on which my paper is under review for the NHSJS journal publication.

Shanghai, China October 2024 – March 2025
Organization: MIT Learn https://learn.mit.edu/

- Discovering that MIT offered online exploratory courses in Computational Physics, I took the certified track for both Computational Data Science in Physics I (October - December 2024) and Computational Data Science in Physics II (January - March 2025). These courses provided me with the basics in analyzing outputs of regressions and deep learning models.

OTHER HONORS

- 2025 USA-NA-AIO Round 2 Silver Award winner
- Distinction, top 5% in AMC 10 and AMC 12 , AIME qualifier
- International Mathematical Modeling Challenge (IMMC) Greater China National Outstanding Award in 2024
- Canadian Computing Competition (Senior Division) Distinction in 2024 year
- Euclid Contest Distinction in 2025 year
- The 56th annual UK Chemistry Olympiad (UKChO) Round One Silver award in 2024 year
- National Round You Be The Chemist Challenge® Gold Award in 2022 year
- The High School Mathematical Contest in Modeling (HiMCM) Honorable Mention in 2024 year
- AP® Scholar with Distinction Award in 2025 year

ADDITIONAL INFORMATION

Technical Skills: Unity; programming in C, C++ (best), C# (for Unity), Java, Python (second best), JavaScript; Fluent LaTeX; Ableton Live 12, Cubase, GIMP.

Other Languages: Chinese (Professional Working Proficiency)