LI CHEN

Aspring and Ambitous Astronomy Student

EDUCATION

Gleneagle Secondary School   Coquitlam, BC, Canada

High School Student   2023 – Present

Academic Achievements:

- **Self-Taught AP Curriculum (All Scores of 5)**: Calculus BC, Physics C: Mechanics, Physics 1, Physics 2, Precalculus.

HONORS & AWARDS

- **British Physics Olympiad (BPhO) Round 1 | Top Gold**   2025
  - Scored 78/100, ranking in the **Top 2%** globally in the UK's premier physics competition.
- **3rd International Olympiad on Astronomy & Astrophysics - Jr. (IOAA-jr) | Gold Medal**   2024
  - **Ranked 6th Globally** among 100+ competitors from 19 countries.
- **2nd International Olympiad on Astronomy & Astrophysics - Jr. (IOAA-jr) | Silver Medal**   2023
  - Ranked 11th globally at age 14 among 80 competitors.
- **Chinese National Astronomy Olympiad (CNAO) | Gold Medal**   2022
  - Youngest medalist of the year (Grade 8) in China's most prestigious astronomy competition.

ACADEMIC LEADERSHIP & RESEARCH POTENTIAL

Physics & Astronomy Clubs | *President*   2024 – Present

- Lead weekly sessions at Gleneagle Secondary; mentor peers in advanced mechanics and observational astronomy.
- **Problem Setter**: Devised competition-level problems for amateur astronomy events and mock Olympiads.

Science Communication & Contributions | *Lead Contributor*   2022 – Present

- **FiveHive (Non-Profit aimed at providing help to AP students)**: Authored 18 AP Calculus articles and 7 practice sets for college-prep students.
- **Chinese Wikipedia**: Created 7 professional astronomy articles; significantly improved 12 core scientific entries.
- **Academic Translation**: Voluntarily translated 24 professional astronomy articles (24,700+ words) from English to Chinese.

TECHNICAL SKILLS & ACTIVITIES

- **Programming & Tools**: Python (Data Analysis), Java, Web Development, LaTeX.
- **Observational Astronomy**: 5 years of professional telescope operation and digital astrophotography.
- **Languages**: English (Fluent), Mandarin (Native), French (Intermediate).