**Alex Luo**

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**ACADEMICS**

Shenzhen College of International Education, Shenzhen Guangdong, 2022 -- Present

* GPA: 3.99/4.0
* SAT 1540 (Reading: 750 Math: 790)
* 3 AP taken (Chemistry 5, Physics C mechanics 5, Physics C E&M 5), 1 AP in progress (Macroeconomics)
* TOEFL 113 (Reading: 30 Listening: 30 Speaking: 26 Writing: 27)
* 8 IGCSE taken (English Literature & Language 9, Chemistry A\*, Physics A\*, Biology A\*, Computer science A\*, Chinese as First Language A\*, Economics A, As Mathematics A\*), 5 A-level course in progress (Biology, Chemistry, Physics, English Literature, Mathematics)

**RESEARCH EXPERIENCE**

**Self-Studying researcher**, 08/2024 – Present

* Writing a review article title *The Behavioral Effect of Small RNA Differential Expression Induced Mammal Transgenerational Epigenetic Inheritance,* not yet finished but prepared to publish in the January.

**Student Researcher**, CIS summer research program, 06/2024-08/2024

* Studying Transgenerational Epigenetic Inheritance under the mentorship by professor Sam Kune, writing a Research Proposal *Environmental Stress Derives Transgenerational Epigenetic Inheritance through miR-212/132 Expression Alterations* has been accepted by BioMed Summit: Focusing on Biomedical Sciences and Health, and will be published by MedScien journal (ISSN 2959-409X), which will be indexed by EI, CPCI, CrossRef, DOAJ, CNKI, and Google Scholar.

**COMMUNITY SERVICE & LEADERSHIP EXPERIENCE**

**Certified Contributor**, Zooniverse, <https://www.zooniverse.org/>, 07/2024-present

* Online Volunteer for 10 hours per week, identifying the key elements or help to discriminate between the useful and useless information in the picture. Helping the progression of several researches.

**Blind Running Volunteer,** 08/2024-present

* Founder of Blind Running club Beyond Sight, helps 100+ blind people running on the track, organise activity per week. Spending total 10 hours per week on organising the events.

**School Frisbee Team Leader,** 08/2023-present

* The leader of both school Frisbee Team and Frisbee Club. Make the Frisbee Club formalize to school official frisbee team this year. Founding the first high school ultimate Frisbee league in Shenzhen Name SHUL (southern high-school ultimate league). Have successfully organised 4 tournaments up to now.

**School Robotics Team Leader,** 08/2024-present:

* Founding the school first FTC robotics team, represents the school preparing for the competition in January. Having 10 team members up to now. Spending 20 hours per week on making robots.

**School CTF team Leader,** 05/2024-present:

* Founding the only school team on hacker competition CTF (capture the flag), has 10 team members up to now and achieve the ranks 27 in China and 399 in overall ranking.

**SELECTED HONORS & AWARDS**

* USABO first round (USA biology Olympiad) **Silver Awards** 04/2024
* UkChO first round (Unite Kingdom Chemistry Olympiad) **Gold Award,** higher than gold minimum passing score **16 marks** 01/2024
* CCC first round (Canadian chemistry Contest) **Gold Award** 09/2022
* CCO first round (Canadian Chemistry Olympiad) **Bronze Award** 12/2022
* CTB (China Think Big) **national Second Award**, the essay written about Microbial Fuel Cell has been accepted in the online library of the competition 2/2024
* Brain Bee national **second award** 3/2024
* IBO (Intermediate Biology Olympiad) **Gold Award** 11/2023
* ASOB (Australian Biology Olympiad) **Gold Award** 10/2023
* IA (International Award) **Bronze Certificate**
* BPhO (British Physics Olympiad) Silver Award 11/2024

**CLUBS**

* Leader of School neuroscience club 2022-present
* School Frisbee club 2022-present (leader right now)
* Bio-chem fever club 2023-present

**ATHLETICS**

* Leads the team to achieve **third place** in Shenzhen Ultimate Frisbee Youth Open

**SPECIAL INTERESTS**

* Biomedical engineering, Neuroscience, Inheritance, Cellular Biology