

Zhengxi Li

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🌐 <http://lizhengxi25.github.io/>



Education

- 2023 – 2025 📖 **International Baccalaureate Diploma Programme**, Beijing 101 High School.
Achieved full IB Diploma with HL subjects: Mathematics AA, Computer Science, English B.
Extended Essay: *Numerical Study of Basketball Lay-up Shot*.
- 2025 – 2029 📖 **B.S. MBZUAI**
Major: *Artificial Intelligence*

Skills

- Languages 📖 Strong reading, writing and speaking competencies for English, Mandarin Chinese.
- Coding 📖 C, C++, Java, Python, \LaTeX , ...
- Misc. 📖 Academic research.

Miscellaneous Experience

Academic Projects

- 2023 – 2025 📖 **Competitive Programming Club and Algorithms Learning**, Beijing No.101 High School. Participated in lectures, contests, and independent training for USACO and CCC.
- 2022 – 2024 📖 **Integrated Circuits and Computational Thinking Project**, Chinese Academy of Sciences. Learned Verilog, C, and completed simulations and system programming.
- 2023 – 2024 📖 **History Reading Club**, Peking University. Researched and presented studies on Chinese history, particularly the Tang and Song dynasties.
- 2024 – 2025 📖 **Basketball Shooting Research**. Conducted analysis on shooting mechanics using numerical methods and physics principles.
- 2024 📖 **Personal Blog (lizhengxi25.github.io)**. Developed blog with tutorials, reflections, and project documentation.

Community Contributions

- 2022 – 2024 📖 **Engineer, School Community**. Developed tutor pairing system; solved tech issues including printers and screens.

Arts and Sports

- 2013 – 2025 📖 **Drawing**. Studied under a retired artist; practiced and created artworks each semester.
- 2018 – 2025 📖 **Sports**. School basketball team player; regular training and competition. Engaged in golf and competitive video games.

Miscellaneous Experience (continued)

Awards and Achievements

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| 2025 | 🏆 | USACO Gold |
| 2024 | 🏆 | CCC Top 7% |
| 2023 | 🏆 | AIME Qualifier (AMC 12) |
| | 🏆 | Galious Top 25% |
| | 🏆 | Gold Award, National Teenager Artificial Intelligence Innovation Challenge |