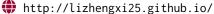
# Zhengxi Li

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#### **Education**

2023 – 2025 International Baccalaureate Diploma Programme, Beijing 101 High School.

Achieved full IB Diploma with HL subjects: Mathematics AA, Computer Science, English

Extended Essay: Numerical Study of Basketball Lay-up Shot.

2025 – 2029 **B.S.** MBZUAI

Major: Artificial Intelligence

## **Skills**

Coding C, C++, Java, Python, LTEX, ...

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.

Integrated Circuits and Computational Thinking Project, Chinese Academy of Sciences. Learned Verilog, C, and completed simulations and system programming.

History Reading Club, Peking University. Researched and presented studies on Chinese history, particularly the Tang and Song dynasties.

Basketball Shooting Research. Conducted analysis on shooting mechanics using numerical methods and physics principles.

Personal Blog (lizhengxi25.github.io). Developed blog with tutorials, reflections, and project documentation.

#### **Community Contributions**

**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**

2025 USACO Gold

2024 CCC Top 7%

2023 AIME Qualifier (AMC 12)

Galious Top 25%

Gold Award, National Teenager Artificial Intelligence Innovation Challenge