**Name: Lu Zhiju.**

**Education:**

**Shenzhen Foreign Languages School(2014 - now)**

**Interests:**

Robotics, basketball, soccer, weiqi(go)

**Projects:**

**Robotics**

* **FIRST Robotics Competition**

Joined Shenzhen Foreign Languages School’s FRC team #6414Voyagers in 2017. Assigned to the electronics group, promoted to group leader a year later. Won the entrepreneurship prize in the Finger Lakes Region in 2018.

* **Automatic Machine Club**

Joined in 2017. We make miniature robots using Arduino while learning mechanical and electronic engineering skills. Participated in several exhibitions, including Shenzhen Maker’s Day. Currently among the club management, responsible for the electronics group and technical department.

* **Science and Technology Club**

Founded the club with several friends in junior high school. We aimed to raise interest in Science and Tech and inspire our classmates to study STEM subjects. Made robots using Lego EV3 and other elements, exhibited them in other primary schools and technology exhibitions.

**Research papers**

* **Roller Coaster Ranking**, HiMCM 2018  
  Wrote an HiMCM competition paper describing the algorithms we used to formulate an objective roller coaster ranking system. Used fuzzy evaluation to evaluate the advantages and shortcomings of the algorithm.

**Personal projects**

* **Zhihu**

**Link: https://www.zhihu.com/people/yue-wu-shen-shang-22/activities**  
Publish my ideas and opinions on sports and political events on a Chinese Q&A website similar to Quora. I have already gained thousands of likes and almost a million views. I also publish sports commentary. Hundreds of people have read my articles.