# Company Name: DuXing Poseidon Company Profile:

Our company is based on the iHarbour Academy of Frontier Equipment(iAFE).Established in 2019,iAFE is affiliated with the School of Mechanical Engineering, Xi'an Jiaotong University, with an area of 100,000 square meters. IAFE pursues its new mission of "Building for China, Cultivating for Future" to make key technological breakthroughs and innovations in the field of frontier equipment and intelligent manufacturing and to provide a new platform for talent training.

### **Company Photo:**



### Team members:

The CEO-Qingzhe Xiong, third year mechanical engineering student

## Electric control team:

Power supply system design --Haitong Xu, Grade 1 in Measurement and Control Technology and Instruments

Underlying code writing --Sicheng Yang , third year computer science student

Overall code writing and debugging --Jingshun Sun , Second Year of Electrical Engineering and Automation

Safety inspection of electric control --Motor control of buoys --Yudong Fan , second year of engineering mechanics

## Visual control team:

Automatic stacking tasks --Hongrui Yuan, third year mechanical engineering studentVisual monolithic code --Haolin Zhang, freshman, majoring in Intelligent Manufacturing Debugging of binocular cameras --Jinxin Shi, second grade in measurement and control technology

and instruments

## Mechanics team:

Mechanical arm design and frame splicing --Shiqing Liu, first year student in intelligent manufacturing

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