

Bao Yanwu

TEL: 20250928

E-Mail: baoyanwu@928.com



Educational History

➤ Baoyanwu University of Technology(“Double First-Class” university project)

BaoYanFuDao(A+)

2020.09-2027.06

➤ **GPA:** 4.15/5.00 **Grade Ranking:** 1/193

➤ **English Language Ability:** CET-4(666)、CET-6(666)

➤ **Main Courses:** mechanics of materials(95)、electrical technology & electrical engineering(95)、machinery technology(91)、principle of machinery (91)、mechanical design(92)、mechanics of structure(90)

➤ **Award Situation:** The First Prize Scholarship、Pacemaker to Merit Student、Merit Student、Outstanding Cadres

Academic Experience

EI Conference Papers Integrated desert automatic tree planter

First Author

➤ In view of the seriousness of desertification in recent years, a fully automatic desert planting machine was designed. By using the features of chain drive, internal CAM mechanism and cutting fork mechanism, the machine can carry seedlings, take seedlings and cover soil, a prototype was built to realize the whole process of integrated populus euv. seedling planting.

Lab Projects Adaptive gripping crane based on precise positioning

Project Leader

➤ According to the trend of intelligent development in various fields, an intelligent handling robot is designed. Based on OpenMV machine vision module and using neural network training to realize the recognition of special placement of objects; At the same time, based on ultrasonic positioning and gray scale sensor, to achieve the robot's obstacle avoidance and tracking functions, and finally complete the task of transporting the specified items to the destination.

Invention Patents An automatic tree planting device(substantive examination)

Third Inventor

➤ Based on the fully automatic integrated desert automatic tree planting machine applied for the invention patent, which can realize the complete process of planting saplings in harsh environments such as deserts, and has certain value for the intelligent development of tree planting.

Race Experience

➤ Menchanical Innonation Design Competition	Second National Prize	2025.08
➤ Crane Creative Competition	Third National Prize	2025.08
➤ Hubei Province Menchanical Innonation Design Competition	First prize of Hubei Province	2025.08
➤ Mathematical Modeling Competition	Second prize of Hubei Province	2025.10
➤ "Central China Cup" Mathematical Modeling Challenge	Second prize of Hubei Province	2025.06

Student Affairs

➤ class of 2004	Vaid Monitor	2025.09-2029.09
➤ The Transportation and Logistics Institute	Learning\Eloquence Department	2025.09-2029.09
➤ The Transportation and Logistics Institute	Member of Pathfinder Labs	2025.09-so far

Personal Strengths

- **Learning:** excellent professional performance and subject competition, with good learning ability.
- **Work:** served as the deputy class leader, with good communication and coordination skills
- **Personality:** lively and cheerful, positive, able to integrate well into the group, willing to contribute and pay.