

ZHANG XIU



Personal Information

Date of Birth: 09/22/1995

Gender: Male

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Education Background

10/2018-Present: Politecnico di Torino (QS ranking of mechanical engineering in 30)

Major: Mechanical Engineering

GPA: 26.63/30

09/2013-06/2017: China University of Mining and Technology (CUMT; 211 Project)

Major: Mechanical Engineering (Distinguished Engineer Class)

GPA: 3.59/4.0

09/2010-07/2013: Shenzhen Baoan High School

Projects Experience

11/2015-08/2016 Robomaster CUMT-DJI-Laboratory

Member

- ✧ Responsible for the 42mm golf ball launch system, innovated a three friction wheel launch system with Magnus effect.
- ✧ Designed a test platform by using 3-D printed components.

09/2015-06/2016 Jiangsu Undergraduate Mechanical Innovative Design Competition

Group Leader

- ✧ Designed a machine that helps people carry large cargo upstairs and assembled a prototype

05/2015-10/2015 Undergraduate Innovative training Program

Participant

- ✧ Designed a governor by using magnetorheological fluid, draw the engineering drawings for manufacture, and wrote the patents.

Patents

11/2016 Authorized a patent of utility model (First author; the High-power magnetorheological speed regulating device; CN205669566U)

02/2016 Authorized a patent of invention (water-cooled multi-disk magnetorheological speed regulating device; CN105299086A)

Internship

10/2016-01/2017 Bosch Rexroth Wujin Plant

Department of Research and Development (Internship)

- ✧ Developed a software named AUTOBOM independently, which can help the engineer to create the bill of materials automatically. The program was developed in Visual Basic and was deployed officially after 11 generations of revises.

Oversea Experience

07/2016 CUMT Summer Mining Engineering Program with the University of Kentucky Summer Mining Institute in America

- ✧ Invited by the University of Kentucky; Studied some courses in English such as PLC from Rockwell, Basic Economics, Mining Machine.

Honors & Awards

- ✧ 07/2016 First Place in Robomasters National Student Robot Competition
- ✧ 06/2016 Second Place in Jiangsu Undergraduate Mechanical Innovational Design Competition
- ✧ 03/2016 Second Place in CUMT Mechanical Design Competition
- ✧ 11/2015 Third-class scholarship to CUMT
- ✧ 12/2014 Second-class scholarship to CUMT
- ✧ 12/2014 Third Place in “Merit Scholarship” of Mechatronic Engineering School

English Proficiency & Skill Certificate

- ✧ English: IELTS7 (Listening7.5; Reading8; Writing6; Speaking6.5); Test taken on Nov7, 2020
- ✧ Skills: AutoCAD; Solidworks; MATLAB; PLC; Visual Basic; Arduino

Hobbies

- ✧ Trombone, Fitness, Soccer, Reading, Travelling