

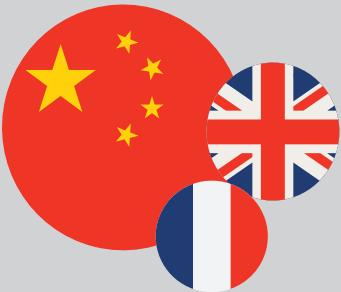


♂ Sep.22th,1996

## CONTACT

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## Languages



## INTERESTS



# WANG ZE

## ROBOTIC DESIGN & AUTOMATION

## PROFILE

*Profile*

I am a robot lover and a student. Since I participated in the Robotics Practice Center at sophomore year, I have studied many design methods for bionic and mobile robots, including kinematic mechanism design and structural topology optimization. After coming to France, I started to study control science. Now that I have mastered control methods such as optimal control optimal estimation and adaptive control, I will continue to study nonlinear systems and intelligent control.

In the future, I will study multi-sensor fusion positioning and multi-agent control.

## EXPERIENCE

*Work*

- 2017** • **BI-ARMS ROBOT DESIGN | intern**  
3 Patents in Acceptance  
Under-actuated hand|Redundant arm|Topology optimization
- 2016** • **SPACE TELESCOPE DESIGN | core member**  
international teamwork|BIEN  
principal for kinematical & dynamical analysis
- 2016** • **HUMANOID ROBOT DESIGN | project manager**  
NATIONAL FIRST PRIZE  
a small humanoid robot for boxing competition
- 2016** • **SPHERICAL ROBOT DESIGN | in charge&core member**  
EXCELLENT DESIGN  
a deformable spherical robot, who move by different velocity with SLAM
- 2015** • **BIO-ROBOT DESIGN | in charge&core member**  
INTERNATIONAL&NATIONAL 1st/special PRIZE  
a three-degree-of-freedom bionic robot fish

## EDUCATION

*Education*

B.E of Aeronautical Manufacturing|  
Graduate|2013--2016

L'ingénieur de Mécanique Développement  
Candidate | 2016--2018



NWPU | CHINA



INSA de Lyon | FRANCE

Elite student, TOP15%,  
postgraduate recommendation

## SKILL

*Skill*

