



♂ Sep.22th,1996

## CONTACT



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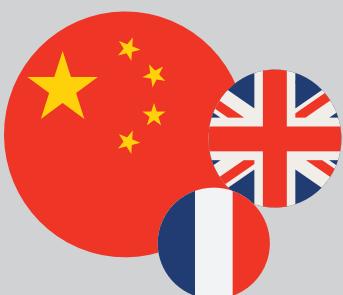


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## Languages



## 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 multi-sensor fusion positioning.

In the future, I will study mainly mobile robot and lightweight design of robot.

## EXPERIENCE

*Work*

2017 •



### LOW INERTIA HUMANOID 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 kinematic & dynamical analysis

2016 •



### HUMANOID FIGHTING 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|Monitor



NWPU | CHINA

Elite student, TOP10%,  
postgraduate recommendation

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



INSA de Lyon | FRANCE

## SKILL

*Skill*

MATLAB



PYTHON



C



APDL



ARDUINO



SOLIDWORKS



CATIA



ABAQUS



ANSYS



COMSOL



PREZI



LATEX



EXCEL

