



♂ Sep.22th,1996

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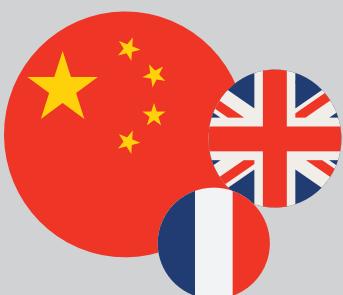


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Languages



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

