



♂ Sep.22th,1996

WANG ZE

Robotic, Navigation, Perception & Automation

CONTACT



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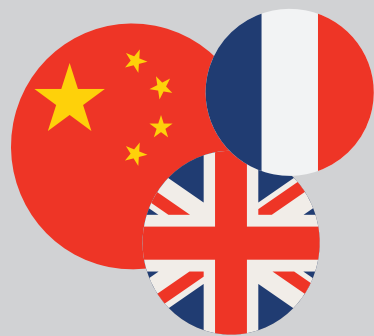


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Languages



INTERESTS



PROFILE



A PhD student in mobile robotics field who will graduate from the Institute of Robotics and Intelligent Systems (ISIR) at Sorbonne University. He has a complete competency in mechanical engineering, electrical engineering, and computer science technology fields. His research interests include, trajectory planning, sensor design and perception, intelligent systems and automation, and mobile robot design.

EXPERIENCE



2018



ESTIMATION OF AERODYNAMIC EFFECTS APPLIED TO MINI-UAVS | Sorbonne University

Realization of a mini-drone | Mechatronic assembly | Implementation of algorithms

2017



LOW INERTIA HUMANOID ROBOT DESIGN | intern Chinese Academy of Sciences

Under-actuated robot-hands | Redundant robot-arms | Structure Topology Optimization

2016



SPACE TELESCOPE DESIGN | core member

INSA de Lyon | international teamwork | BIEN
Responsible for kinematic & dynamic analysis and motor selection

2016



HUMANOID FIGHTING ROBOT DESIGN | project manager Robot Innovation Center | NATIONAL 1ST PRIZE

a small humanoid robot for boxing competition

2016



SPHERICAL ROBOT DESIGN | in charge & core member NWPU | EXCELLENT DESIGN

a deformable spherical robot with SLAM for complex terrain detection, who move by multi-speed

2015



BIO-ROBOT DESIGN | in charge & core member

Soccer Robot Innovation Center |
INTERNATIONAL&NATIONAL 1ST/SPECIAL PRIZE
A three-degree-of-freedom bionic remote-controlled fish-shaped robot

EDUCATION



2013--2016 | B.E. of Aeronautical Manufacturing | NWPU | China



2016--2018 | M.E. of Mechanical Engineering Development | INSA-Lyon | France



2018--2019 | M.E. of Advanced System and Robotics | Sorbonne University | France



2019--2023 | Ph.D. in Robotics | Institut des Systèmes Intelligents et de Robotique (ISIR) | Sorbonne University | France

SKILL



ROS		SOLIDWORKS		PREZI	
MATLAB		CATIA		LATEX	
C/C++		ABAQUS		EXCEL	
PYTHON		ANSYS			
ARDUINO		COMSOL			