

Wei YOU

PRESENT ADDRESS

Phase 2 of ShuangWan Garden, No. 688 Qinghe Road,
Wuzhong District, Suzhou, 215124

CONTACT

youwei678@hotmail.com
(+86) 188-9692-6671

OBJECTIVE Intern/Full-time.

EDUCATION

09/2015 - Present	Ph.D. Candidate	Soochow University
09/2012 - 06/2015	Master	Nantong University
09/2008 - 06/2012	Bachelor	Shandong University of Science and Technology

RESEARCH EXPERIENCES

Doctoral Research Major: Intelligent Transportation Science and technology
Advisor: Prof. Zhongkui ZHU
Studies include: **Deep learning**, Machine learning, **Signal processing**, Fault diagnosis.

Master Research Major: Machinery manufacturing and automation
Advisor: Prof. Yinnan YUAN, and Prof. Guannan Xi
Studies include: Smart grid, Heat transfer.

PROJECT EXPERIENCES

- | | |
|------------------------|---|
| 09/2015-present | <ul style="list-style-type: none">• Leader of “Research on mechanical fault recognition based on deep learning method” (Python)• Participation in “Research on Deep Learning Based Feature Extraction Strategy From Varying Scale Morphological Filtered Signal and Machinery Condition Monitoring”• Participation in “Signal Transients Extraction Under the Frame of Sparsity And Its Application in Rotating Machine Fault Prognosis” (Matlab) |
| 09/2012-06/2015 | <ul style="list-style-type: none">• Study on flow and heat transfer characteristics of three offset cylinder arrays in transition flow• Numerical calculation was analyzed with the achieved desired results. (Frotran)• Establish the PIV Model. Roughing, semi-finishing and finishing workpiece were compiled. |
| 05/2013-12/2014 | <ul style="list-style-type: none">• Research on the energy-saving control system of multi-diesel generating sets: In charge of Technological Innovation Program of Jiangsu |
| 05/2013-12/2013 | <ul style="list-style-type: none">• In charge of “Experimental study on aluminum mechanical properties”• Design test plan, arrange or adjust test schedule, at the same time, carried out for the cup convex test and tensile test etc. |
| 11/2011-06/2012 | <ul style="list-style-type: none">• Graduation Project: Study on virtual prototype model and simulation of ladder rescue robot• Simulation modeling and analysis of ladder rescue prototype applied for high-rise building escape. |

HONORS

2015-2017	Doctoral scholarship of Soochow University
2015.6	Excellent graduate of Nantong University
2015.6	Excellent master's degree thesis of Nantong University
2013,2014	Excellent graduate student of Nantong University

ACTIVITIES

Graduate student newspaper editorial office of Nantong University: Editor
Graduate Student Union of Mechanical School of Nantong University: Minister of the propaganda department
News Center of Shandong University of Science and Technology: Student Journalist

HOBBIES

Reading, Running, Drawing, Photography