

Xiaoli Jian

Jan 11st, 1995 135-0000-0000 www.yjianli.com

2017.09-2021.07 Harbin Institute of Technology . Energy & Power Engineering Bachelor

* Honors School (top 5%), GPA 87.5/100 (3.67/4.0)

2018.08-2019.01 KTH Royal Institute of Technology Energy & Environment Exchange student

2020.09- . Member, KTH Energy & Environment Program

* Regional Energy Analysis and Energy Policy Planning of Turkey.
* Responsibility:Data collection,Math modeling, Result analysis,Policy comparison and analysis.

2019.11- . Member, Institute of Aeronautical and Astronautical Thermophysics of HIT

* Solar Tower System Concentrating Analysis Based on Monte Carlo Method.
* Responsibility: Algorithm design,Program compiling & debugging, Program optimization, Simulation, Data analysis & processing, System optimization design, Thesis writing, Project presentation.

2018.06-2018.08 Intern, Department of Thermal Engineering of Tsinghua University

* Kinetic study of the photo-catalytic removal of SO2 with TiO2: the effect of oxygen, water, and temperature.
* Achievement: Submitted to SCI Journal.
* Responsibility: Experimental analysis,Data collection,Data processing& analysis.

2018.03-2018.05 Team Leader, Innovation Project

* Innovation of Low NOx Pulverized Coal Burner Technology
* Responsibility: Overall plan,Technology analysis,Project Improvement,Thesis writing, Project presentation.

2017.10-2018.08 Team Leader, Innovation Project

* A New Type of Efficient Conversion & Self-power Pollution Cleaning Device of Waste Heat.
* Achievement: First Prize of 8th China National University Student Social Practice& Science Contest on Energy Saving& Emission Reduction.
* Responsibility: Overall plan, Project design and optimization,Project implementation,Experimental analysis,Numerical simulation,Mathematical modeling, 3D modeling,Automatic control system designing.

Education

Research Experience

Abilities & Skills

Extracurricular Activity

2018.03-2018.10 Member, HIT Team of iGEM

* A Synthetic Biological Device for Dioxin Detection - “Green Yeast”
* Achievement:Bronze Medal of Inter national Genetically Engineered Machine Competition,2014.
* Responsibility:Basic experiment,Project design and optimization,Document editing and translation.

2018.11-2019.07 Member, Innovation Project

* Micro Electrolysis Method of Electroplated Water Disposal.
* Responsibility:Experiment,Experimental data processing,Report design.

2020.11-2020.12 Receptionist, SLUSH 2016 Helsinki

* Volunteer in the investor meeting area, responsible for logistic and introduction.

2019.09-2019.11 Career Fair Host, THS Armada

* Venue arrangement, Business contact and coordination, On-site hospitality and crisis management.

2019.01-2019.02 Group Leader & Student, Cambridge Academic Development Seminar

* Science & technology academic course study, Language course study, Group presentation organization and integration.

2018.10-2019.05 Member, HIT Intellectual Robot Club

* Robot assembling, Vehicle debugging, PCB designing.

2018.07 Participant, The 6th International Youth Summit on Energy and Climate Change

* Share experience of Carbon Computation project.

2018.03-2018.09 Member, HIT Team of CYCAN

* Work on Computation of College (HIT) Carbon Discharge.

2017.09-2018.07 Member & Consultant, HIT Green Union i

* Involve in the programs of Every Day Empty Plate, Research of the Life Circle of throw-away Lunchbox, Survey of Public Environmental Sense, etc.

1. Familiar with Word, Excel, Power point and other office software for file editing and processing.
2. Can skillfully use C , MATLAB, FORTRAN for programming, operation and data analysis.
3. Can skillfully use SolidWorks, Auto-CAD for 2D & 3D graphic modeling.
4. Can skillfully use ANSYS for numerical modeling and analysis.
5. Can skillfully use LEAP for Energy Planning.