 

**Jihong Shi**  **Email:s16060709@s.upc.edu.cn Tel:+86-15589845660**

College of Pipeline & Civil Engineering

Department of Energy & Power Engineering

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**Person Information**

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**Gender:** Male **Education:** Bachelor **Birthday:** 16 March, 1994

**Computer Skills:** National Second-Level

**Major:** Power Engineering and Engineering Thermophsics

**Education Background**

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**2012.09~2016.07** B.Eng. Thermal Energy and Power Engineering, China University of Petroleum (East China), Qingdao, P.R. China

**2015.12~2016.06** Exchange Student in Taiwan

**2016.09~Present** M.Eng. Power Engineering and Engineering Thermophsics, China University of Petroleum (East China), Qingdao, P.R. China

**Academic records:**

**Undergraduate Average score:** 83.41/100, Ranking: Top 10 of 100 undergraduate Students.

Recommended to the Graduate School of China University of Petroleum (East China) exempt from admission exam.

**Postgraduate:** Freshman year.

**Research Interests**

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Adsorption and diffusion of methane in kerogen, Exploitation of shale gas, Transfer Phenomenon in Membrane, Transport Phenomena in Cardiovascular Systems, , Microfluidics, heat transfer enhancement, Multiphase flow.

**Major Skills**

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**Programming Languages:** Visual C/C++/B, FORTRAN(Little)

**Application Software:** AutoCAD, Solidworks, Material Studio, NAMD, COMSOL, Tecplot, Origin

**Office Software:** Microsoft Word, Microsoft Excel, Microsoft Power Point

**Key Courses Taken**

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Theoretical mechanics, Mechanics of material, Engineering material, Advanced Engineering Thermodynamics, Advanced Fluid Mechanics, Advanced Heat Transfer, Experimental Measurement Techniques, Numerical Computational Method, Applied Statics, Computational Fluid Dynamics, Basal Chemistry, Computer Molecular Dynamics Simulation.

**Academic Scholarships**

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**2016~Present** Excellent Graduate of Shandong Province (3%, No:201603738)

Excellent Undergraduate Thesis (Tutor: Dr. Liang Gong, Dr. Rixing Zhang)

Outstanding Exchange Student of CYUT (5%)

**2014~2015** National Encouragement Scholarship (5%)

**2013~2014** Tarim Oilfield Scholarship (Top 10)

Outstanding Students in Social Practice

Outstanding University Student

**2012~2013** Organizational Capability Scholarship

Outstanding University Student

**Awards and Prizes in Academic Contests**

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**2013~2016** Energy Saving and Emission Reduction into the National Final Contest

**2013~2014** Third Prize Offshore Oil Drilling Platform Model Design Competition

**2014~2015** Excellence Award of the English Translation Contest of China University of Petroleum (East China)

**Internship Experiences**

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**2016~Present** Field test and data acquisition in Oil Recovery Plant

**2015~2016** Curricular practice of heating project

**2014~2015** Production practice in Power Plant

Gansu Raymond Lam Amperex Technology Limited

**2013~2014** Cognitive practice of refrigeration system

**2012~2013** Metalworking practice

**Previous Employment**

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Teaching Assistant, Fundamentals of heat transfer, China University of Petroleum (East China), 2016.9-2016.12.

Teaching Assistant, Curricular practice of numerical heat transfer, China University of Petroleum (East China), 2016.12-Present.

**Conference Presentations and Publications**

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Jihong Shi, Liang Gong, Rixing Zhang. Study on energy conversion efficiency of the electrodialysis desalination. Journal of China University of Petroleum, Tsingtao, 12 November 2016. (Modifying Feedback)

Jihong Shi, Liang Gong. Advanced Workshop on microscale multiphase flow and interface effects. University of Science & Technology China, Hefei, 24-27 July 2016. (Attend)

Jihong Shi, Liang Gong. The Sixteenth National Conference on thermal physics in institution of higher learning, Chengdu, 14 April 2017. (Oral presentation)

Jihong Shi, Liang Gong. Annual meeting of Chinese Engineering Thermophysics, Suzhou, November 2017. (Oral presentation will be made)