

MENG Yang

Phone: +86 15999399863 | Email: my2000cup@gmail.com

Address: No.61 Miao Kong Xi New District, Qufu City, Shandong Province, 273100, P.R.China

EDUCATIONAL BACKGROUND

2018/09-2022/07 **College of Petroleum Engineering, China University of Petroleum (Beijing)**
Bachelor of Engineering in Petroleum Engineering; **GPA 4.24/5.0**

Scholarships: 2020/12 **Wang Tao Meritocracy Scholarship**(less than 6/10000);
2019/12 **National Scholarship** (1/97)
2021/12 **National Scholarship** (1/92)

Core Modules: *Introduction to Petroleum Engineering, College Chemistry, Petrophysics, Drilling Engineering, Reservoir Engineering, Engineering Thermodynamics and Heat Transfer, Reservoir Productivity Protection, C Programming, Python, etc.*

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2021/06/10 **Pressure Vessel Safety Inspection Management Software** (Reg. No. 2021SR1162768)
2021/06/03 **Neural Network Pattern Recognition System** (Reg. No. 2021SR1162769)
2021/06/02 **Oil Extraction Engineering Design Software** (Reg. No. 2021SR1161105)
2021/07/13 **A Camera for Image Recognition** (Patent No. ZL 2020 2 2412564.X)

INTERNSHIP EXPERIENCE

2019/07-2019/09 **CNPC Xibu Drilling Engineering Co. Ltd.**
Shale Oil Project Management Dept. in Jimusar County, Urumqi, Xinjiang
Project Manager Assistant & Drilling Fluids Engineer

- Analyzed the drilling progress on site and the cause analysis and treatment of complex well sections;
- Investigated the pollution prevention and treatment measures and finished a research paper "**Analysis of Environmental Pollution Caused in Oil Development Process and Corresponding Solutions**".

2020/07-2020/09 **Huoshao Shan Oilfield in Jimusar County (Cognition Practice)**
Intern of Technical Office, Well Patrol Team and Oilfield United Station

- Mainly learnt about oil development and post-development maintenance and familiarized with the common problems and technologies in oil-field maintenance such as Paraffin Removing and Proofing Technology and Profile Control Technology

COMPETITIONS & AWARDS

2021 China Petroleum Engineering Design Competition | **Third Prize (National-level)**
2021 American Mathematical Contest In Modeling (MCM) | **Second Prize (National-level)**
2020 Certificate Authority Cup International Mathematical Contest in Modelling | **First Prize (Provincial-level)**
2020 China University of Petroleum 3D Geological Modeling Contest | **Second Prize (College-level)**
2019 The National Mathematical Competition for College Students | **Third Prize (Provincial-level)**
2019 The National English Competition for College Students | **Third Prize (Provincial-level)**

EXTRACURRICULAR & LEADERSHIP

2018/07 - Now **SPE Student Chapter at China University of Petroleum (Beijing) | Secretary General**
2018/07 - Now **SPE Student Chapter at China University of Petroleum Karamay Campus | Founder & Chair**

VOLUNTEER EXPERIENCE

International Forum on Heavy Oil Recovery Technology in China | Volunteer
Qufu City Covid-19 Control and Prevention Volunteer, World Hepatitis Day volunteer, Nursing Home volunteer

SKILLS

English Fluent in English TOEFL104; GRE:332+4
Computer Skills Good mastery of programming languages including **C, MATLAB, Python**, and **wolfram language**;

Proficient use of professional software including **comsol**, **petrel** and **eclipse**