



Alexey Olkhovikov

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Drilling engineer graduate is looking for a job in the direction of drilling process digitalization and automatization

Education

MSc – Petroleum Engineering (GPA – 4.9)

Montanuniversität Leoben and Gubkin University (OMV Scholarship Holder)

09/2018 – 07/2020

Thesis

SmartLearn – A concept of Using Machine Learning Algorithms to Automatically Capture and Apply “Lessons Learned” During the Whole Construction Process to Mitigate NPT and Enhance Operational Efficiency

BSc – Drilling Engineering (GPA – 4.97)

Gubkin University

09/2014 – 06/2018

Thesis

Development of a Drill String Model for Complex Well Trajectories

Additional Training/Courses

Machine Learning Specialization provided by MIPT and Yandex on Coursera.com, in progress (3/6 courses completed)

Udemy.com

- *NLP - Natural Language Processing*, 2020
- *Machine Learning A-Z: Hands-On Python&R in Data Science*, 2019
- *Complete Python Bootcamp: from zero to hero in Python*, 2019

IADC well control, Gubkin University, 04/2019

Summer Course 2018, MUL

D&M Summer School, Schlumberger Siberian Training Center, 2016

Work Experience

Master thesis internship at OMV Vienna Head Office, 02/2020-06/2020

Internship at OMV Vienna Head Office, production technology department, 08/2019

Internship at OMV Gänserndorf, wireline services, 07/2019

Internship as a roughneck at Rosneft-Drilling, 07/2017-08/2017

Internship as a roughneck at Eurasia Drilling Company, 07/2016-08/2016

Software and Programming Languages

Software:

Landmark, BurSoftProject, WellView.

Programming Languages:

Python3 - Functional and Object-Oriented Programming (Machine and Deep learning tools: Scikit-Learn, TensorFlow, Numpy, Pandas, Matplotlib, Seaborn)

MatLab, Mathcad, Delphi 7

Conferences

73th International Youth Scientific Conference

– Oil&Gas 2019, Gazprom Prize Winner

72th International Youth Scientific Conference

– Oil&Gas 2018, Second Prize Winner

Languages

- *Russian* – Proficiency
- *English* – Advanced
- *German* - Beginner

Additional Achievements

The team leader of a team on DrillBotics 2020 competition

Kaggle competitions: Digit Recognizer 515 from 3084 participants (score: 0.99471)

The 1st place at internship’s competition (D&M Summer School), Schlumberger, Siberian Training Center

The 1st place at IT competition, Ufa State Petroleum Technical University

Hobbies

Programming, marathon running, volleyball