Respectis
Software Geophysics

Learning and working right on top of the Groningen gas reservoir in the Netherlands

Internship Program
2017-2018

Islamic Republic of Iran

Respectis' ambition

Respectis is a firm with an fierce ambition in computational geophysics. Today, even with all the initiatives on energy transition, sustaining activities within the oil and gas industry are undisputed. For the future development of our planet we do need oil and gas. Respectis is developing 'state-of-the-art' graphical reservoir management systems (RMS) for the oil and gas industry, totally new, sustainable and independent.

Actual activities

For optimal production of the Groningen gas reservoir in the northern part of the Netherlands, and taking into account earth quake effects, Respectis has developed a RMS, different in its dynamics and independent from the established RMS names. Every day we analyze, resolve and thrive for improvements. In 2018 we have developed a global applicable RMS with 'state-of-the-art' graphical ICT technology.

What we need

For this Internship Program we are looking – apart from specialized education – for students with a young, professional but – above all - adventurous spirit. This Program gives you the opportunity to out-shine on the crossroad between IT and geophysics. Participation in this Program is within reach when you have the ambition to change the world of RMS, to make innovative decisions.

What we offer

This Internship Program involves both learning and working and the chance to experience the vibrant university city of Groningen. Respectis will invest by taking care of the necessary temporary student residents permit, is offering accommodation and, if applicable, governmental financial support.

Also, within this Program, you can create your own future as a partner within Respectis. From September the 1st 2017 there are 3 internship vacancies available for students from the Islamic Republic of Iran. If you are interested, please fill in the application form at *www.respectis. nl/internshipprogram.*

Desired qualifications

Respectis is looking especially for students from the Islamic Republic of Iran who study at a graduate level Computational (Geo)Physics, Applied Mathematics, Engineering or a related field with the ambition to grow to computational geophysics specialist.

Experience in developing and running massively parallel codes (MPI), knowledge of scripting languages (Python, C++ and/or C), and familiarity with software development on Linux-like operating systems is essential. Experience in the development and implementation of computational algorithms and strategies is preferred.

Experience with shock physics, geological material models and seismic wave propagation is highly appreciated. Furthermore, some skills of interpersonal, verbal and written communication in the English language and the desire to work in a multidisciplinary team are needed. Your knowledge and skills will be tested.

Information

If these ambitions excite you, as a student, newly graduate, tutor or professor, don't hesitate to ask for more information or take a look at www.respectis.nl.

Contact with Respectis for this internship program is possible with

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