



Respectis
Software Geophysics

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

Internship Program 2017

Respectis' ambition

Respectis is a firm with a fierce ambition in computational geophysics. Today, even with all the initiatives on energy transition, innovative activities within the oil and gas industry are undisputed. For the future development of our planet we do need oil and gas. Respectis wants to contribute to this development in a sustainable way.

Respectis has the ambition to develop a 'state-of-the-art' *graphical* reservoir management system for the oil and gas industry; totally new, sustainable and independent.

Current activities

At this moment Respectis is developing a new independent reservoir management system for the optimal production from the Groningen gas reservoir in the northern part of the Netherlands. In a second stage Respectis will develop a new, globally applicable, reservoir management system with 'state-of-the-art' graphical ICT technology. In 2017 and 2018 interns will participate in the development program for a management system of the Groningen gas reservoir and for other specific international locations.

What we need

For this Internship Program you need to have completed an undergraduate education degree in IT, Engineering or Mathematics. If you want to outshine on the crossroad between IT and geophysics, the Internship program of Respectis will give you the opportunity. Participation in this program means to work and learn as a professional, making real decisions. If you are interested please apply for our next live internship information webinar of Respectis – starting 2017 February 2nd or fill in the application form. You can find a detailed list of both the dates for the webinar or the application form at www.respectis.nl/internshipprogram.



What we offer

Respectis is offering an Internship Program which involves both learning and working and the chance to experience the vibrant university city Groningen in the Netherlands. During this program you will also be participating in the development of the new graphical reservoir management system. Respectis will take care of the necessary temporary student residents permit. If necessary we can offer accommodation during the internship. If applicable, we will look after governmental financial support.

Desired qualifications

Respectis is looking for international students, who study at a graduate level Computational (Geo)Physics, Applied Mathematics, Engineering or a related field with the ambition to become a computational geophysics specialist.

Experience in developing and running massively parallel codes (MPP), knowledge of programming and 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. Some 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.



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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