



Student: Eimantas Zilis
University of Sussex
Placement: CGG
Role: Geophysicist

“I am interested in doing a PhD and I wanted to find out how my skills and knowledge can be applied in industry.”

Describe a typical day:

Since my job was based on testing theoretical models of data processing techniques, most of my time was spent developing computer algorithms and testing how they work on real and synthetic data. As well as the online communication, I used to see my project supervisor once or twice a day for discussions regarding my progress, theory behind the models and other matters.

Why did you decide to do a placement?

I am highly interested in doing a PhD and I wanted to find out how my skills and knowledge can be applied in industry. Moreover, I did not do any placements in the previous years therefore I thought that it was important to get some work experience before graduation.

Would you recommend doing a placement?

Doing a summer placement in industry was a great experience and I would definitely recommend it. It gives an idea of what it is like working in a company and how the things learned in university can be applied for real life purposes.

How do you think doing a placement has benefited you for the future?

This particular placement significantly increased my skills in scientific computing. It also gave me a better idea of the differences between the possible career choices in industry and academia.

What are your next steps?

I need to finish my last year in university and I will then apply for a PhD position.

Employer perspective:

Eimantas had an opportunity to observe how the research is done outside of academia and learned a lot of concepts from the field of geophysics, signal processing and scientific computing. CGG's seismic imaging business benefited in that new software was developed and commercialized. CGG will gain some publicity at events such as the SEPnet Students' Expo as a result of this internship. This will boost our presence on the graduate job market and help us to attract high calibre graduates.

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