

## Liam Nagle PhD CEng MIED

My name is Liam Nagle and I am currently employed by engineering and construction firm Parsons as Senior Engineer/Project Manager. I am one of 45 employees based in the UK, and a member of a global workforce of 11,500. I first joined Parsons to work on energy and environmental projects, but find that I end up doing a bit of everything as we are a small London office with a wide variety of work. For instance, as well as managing projects I spend a lot of my time solving problems and trouble shooting. In recent years I have mainly worked on telecommunications infrastructure and critical facilities.

Having started out in applied science I then took a degree in Engineering Product Design at South Bank. This degree appealed to my thirst for exploring innovative and alternative ways of developing products. After this I won a scholarship to study energy engineering in France, which led to an MSc and then a PhD at Cranfield. I freelanced on energy, environmental and design projects while taking my PhD part-time, then taught Engineering and Design full-time until I was head-hunted into my current job in 1999.

On joining Parsons my first project involved working out how to assist the USAF in solving a problem they had unsuccessfully been trying to do for over 13 years. It took me a couple of months to figure out what I needed to do and approximately another six months to do it. One aspect of the project involved mathematically modelling a front line fighter base in Excel! I was very proud to receive a Federal Certificate of Recognition from the US Government for this work, and understand that I could possibly be the only civilian or non-US citizen to have been honoured in this way.

Wishing to add professional recognition to the academic qualifications I already held I registered as a Chartered Engineer in 2002. At the time I was considering emigrating to Australia and was aware that the internationally recognised status would be extremely beneficial in securing a new role. I am a member of the Institution of Engineering Designers, and achieved CEng status through the presentation of a portfolio showing my qualifications and work experience over the years.



I would advise anyone thinking of registering for CEng to do it for your own sense of achievement. The help it gives your career is a bonus, and if your employer supports you through the process that is another bonus, but most of all do it because you want to enjoy the prestige of reaching the forefront of your industry as a professional engineer.

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