

Case Study: Alumni

Ademola, Advanced Chemical Engineering (MSc)

Graduation Year: 2005

Job Title: Process Engineer

Employer: Shell

What has been your career path up until now?

I started out in Shell as a Flow Assurance Engineer on a green field capital project. After 18 months on the define phase of the project, I moved to operations support role as systems engineer.

What does your job involve?

My role involves providing day-to-day engineering support to an FPSO sitting in deep water off Nigeria. I am responsible for ensuring the process engineering elements of the project align with the overall system functionality to achieve desired facility capacity safely and within agreed budget, time and quality.

Do you use the skills that you obtained during your Imperial course?

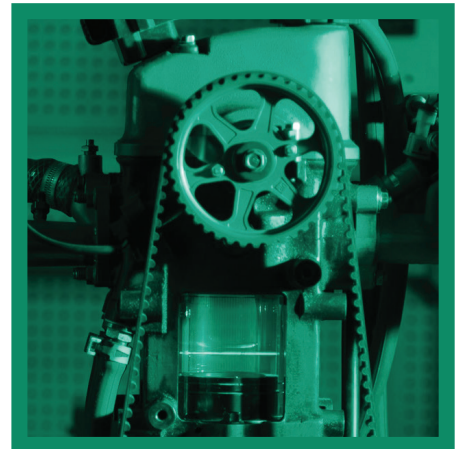
While at Imperial, I selected chemical engineering courses that had a computational content as I was aware of the trend in process engineering and I desired to work for a foremost oil/gas company. I enjoyed the aspects of my course that had to do with syndicate work, particularly Prof. Higgins' Polymer option. She would give us a material and ask us to work in groups to determine chemical structure, manufacturing process, and applications. Each syndicate would present its slides in the next 30 minutes or so. That prepared me for the impromptu encounters that have become a norm in my job.

What skills did you develop within your degree that you find useful in your present role?

I developed my investigative skills while at Imperial and this has helped me a lot in my job as a process engineer.

Could you give us one or more career tips for Imperial graduates?

I advise Imperial students wishing to work as engineers in the energy sector to focus on analytical courses and develop their research and writing skills. These skills will help me them to get into the industry and will also be useful all through their career.



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- Ademola

