

BEng Materials Science and Engineering  
with Industrial Experience

Quality Engineer at Stone Foundries Ltd

“Mainly based in the lab, my main role involves compliance of special processes, namely, Surface NDT (non-destructive testing) and Heat Treatment. Other responsibilities include metallic composition control, document control and finding and carrying out local improvement projects.”



## Which aspects of your job do you like the most and least?

Machining test buttons for chemical composition analysis for some reason is particularly satisfying! Something breaking down is not very pleasing. Especially when you have got a long list of tasks to do in the day as you have to immediately take actions to rectify the problem.

## Why did you choose Queen Mary?

It was and still is one of the best schools for Materials Science in the country. From talking to previous students, I found that the teaching and networks at the university were very good which was important for me in making my decision.

## How did your time at Queen Mary prepare you for work?

Whilst academic credentials are important, on a graduate job, you spend much of your initial period learning about your role. For this, you need to have good social and practical skills. The knowledge and skills I learned through problem based learning (PBL) and group projects prepared me for this and, I believe, are still helping me on a regular basis.

## What can current students do to prepare for getting a job in your area?

The ideal approach would be to not to limit yourself to a particular industry. The important thing is to get on the ladder and then target a particular industry once you think you are ready.

Be ready for multi-tasking and putting in extra effort than usual as you enter your final year. There is an element of luck and chance as well but then again, you make your own luck. Listen to people who have been through this experience and apply through as many different channels as possible. Don't get disheartened by rejections; there will be plenty but you have to keep on going.