WOMEN IN ENGINEERING - NEWSLETTER

This year is our 9th annual celebration for International Women in Engineering Day and this year's theme is Enhanced by Engineering, it is also the RNLI's 200th birthday, and we are looking to Inspire the next generation of future lifesavers and engineers! Join us for all news STEM related in our monthly updates.

MARCH 2024

ANJI

CAD ENGINEER

I'm currently an engineer in our CAD team. I studied Biomedical Engineering in the University of Glasgow. I have always been technically inclined ever since I was little. Both of my parents have an engineering background and my mum was a very strong role model. I used to beg my older sister to give me maths problems as a game even before I started primary school. Later on I got accepted in the Sofia High School of Mathematics. I got opportunities to compete for my school within Bulgaria and a couple of times in Asia - in the Philippines and South Korea. I liked going to competitions, they were in physics, mathematical linguistics, chemistry, sports, but mainly maths.

Then I chose to study Biomedical Engineering because I wanted to do something practical, technical and with a cause.
I initially felt passionate about wildlife conservation but as my degree progressed I realised it focused too much on biology and whilst I find it fascinating, it's just too complicated. That is why I love engineering! As in the grand scale of things it is simple. They give you rules of physics and chemistry and you go play with them until you manage to create something that works well and optimise it.

So after I graduated my integrated masters, I was left a bit clueless of what I want to do with my life. I waitressed in Edinburgh for about a year and none of the engineering jobs I was coming across seemed appealing - they were mostly in the energy sector or in defence, neither of which resonated with me. Then I realised that the one thing that I enjoyed without fail throughout university was CAD. So I typed in "CAD job uk" and I stumbled upon the job posting for my role here. I had never heard of the RNLI before and the more I read about the job description and the RNLI, the more I couldn't believe how perfect it is. As my luck would have it, they accepted me and I moved to Poole for my new job.

So I joined the RNLI in May of last year and I have thoroughly enjoyed my role so far. My line manager and the rest of my wonderful team (CAD and Configuration) have been helping me learn the ropes and it has been quite a challenge but a fantastic one. When I started working here, I was assigned to work on the SLEP (Severn Life Extension) project. My main task was to go on the SLEP prototype and make sure all of the electrical components were reflected properly in our CAD models of the boat. A couple of months ago I was moved to in-service cell support.

That means handling engineering tasks and change orders that support the boats in our fleet on the coast. I am currently working on the rollout of the new searchlights of the fleet and it is my first proper production task. Fingers crossed everything goes well.

I love my job and I appreciate that because I know how rare of a treasure that is.

The 3 things that make my job a perfect fit for me:

- **The people I work with** - my own team, the other people across Engineering and Supply I've had the pleasure to work with, and the others I've met from other departments of the RNLI.
- **The essence of the job** - I can't really sum it up, it's just very fitting with my interests
- **The cause** - what makes the RNLI stand out for me in comparison to other charity organisations is it's mission - "save everyone". It does not discriminate whether you're drowning a little or a lot, who you are and where you come from. That for me is the really inspiring part.

GIRLS WHO CODE

Girls Who Code strives to bridge the gender gap in tech and redefine the image and role of programmers. Acquire essential computer science skills for a career in tech through their free virtual Summer Programs. Participants explore tech roles, meet industry leaders, and join a supportive community, all while preparing for their future. If you are interested in applying click the link to add yourself to their waiting list or if you want to find out more take a look at the **Girls Who Code website.**

TECHNOLOGY IN THE FILM INDUSTRY

Movies are attracting fans with cool special effects, and now 3D printing is joining the action. From animated films to big blockbusters like Marvel and Avatar, filmmakers are using 3D technology to create costumes, props, and other cool stuff that makes movies look real. **Click here** if you want to understand more about how 3D printing technology is impacting the film industry and take a look at which movies have incorporated it during production.