

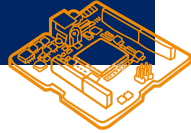
WOMEN IN ENGINEERING – NEWSLETTER

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.

FEB 2024



AMANDA
APPRENTICE TECHNICIAN



“ Currently, I am enrolled as a Level 3 Marine Electrical Apprentice at the RNLI. Before joining the RNLI, I attended Poole College where I pursued Marine engineering. I completed a Level 3 diploma, and during this program, I delved into electrical work, which sparked my interest in pursuing it as a career. Growing up around boats, and having been a water sports coach since the age of 14, naturally led me to explore marine engineering.

My schedule involves five weeks of practical work at the RNLI, followed by a week of theoretical learning at college. These sessions cover understanding electrical components, their functions, and the associated health and safety protocols. This setup allows me to seamlessly integrate theory with hands-on experience, enriching my learning process. Over the past year and a half, my apprenticeship has exposed me to various areas within the RNLI, including the Severn and Tamar refit cells, Shannon production slot 11, the ERC (Electronic Repair Centre), and my current placement in the repair cell.

What I find most gratifying about my role is the hands-on nature of the work. It involves a great deal of fault-finding and problem-solving, which I thoroughly enjoy. Being a hands-on learner, tackling these electrical issues allows me to enhance my skills and knowledge. Additionally, collaborating with experienced technicians, many of whom were once apprentices themselves, has been invaluable. Their mentorship not only provides me with practical insights but also fosters a close working relationship, allowing me to absorb lessons from their early career experiences.

QUIZ – MEET THE FUTURE YOU

Have you ever thought about what an engineer does? Imagine exploring outer space, protecting the environment, designing apps, or even improving health and well-being. Engineers make all of this possible and more! Take a moment to answer a few quick questions, and discover how your unique skills and passions could pave the way for an exciting career in the future. Find the [Quiz here.](#)



SUSHI SCIENCE – SCIENCE THAT IS APPETISING

Meet Janelle, a postdoctoral research fellow at Johns Hopkins University. She delves into the intricate relationship between brain function and mood. But that's not all—Janelle is also a self-taught sushi artist! Blending her two passions, she crafts scientific diagrams of brain biology and structures using the art of sushi. It's a refreshing twist on traditional science communication, injecting excitement into the field. Explore her captivating work on her site, [Sushi Science](#), and see how she's making science more accessible through creativity.

ROBOTS CAN BE CUTE?

Have you heard about **Mirokai** the robot? It's bright orange and draws big crowds with its funny face and the way it moves around on a rolling globe. **Enchanted Tools**, the company who made Mirokai, wanted it to look friendly and not like your average cyber looking robot. That's because Mirokai is here to be a buddy and help people feel happy!

And guess what? Mirokai looks like a character right out of a Manga comic! Enchanted Tools says they're making a whole new kind of robot—one that's super smart but also really fun to be around. So get ready to meet Mirokai and maybe even make a new friend!

