



Claire - Electronics Technician for Particle Physics

Claire has the job she always dreamed of – using her natural creativity to test the theories of physics.

After going to a physics talk on a school trip aged 10, Claire became fascinated by sub-atomic particles and wanted to be one of the people involved in their discovery and testing theories about their nature.

She also loved creating things, enjoying hobbies such as knitting and jewellery. Fast-forward to the present day, she now has the best of both worlds. Claire's job as the only electronics technician in her department sees her creating apparatus for experiments to detect sub-atomic particles. She was selected for the job, because of her electronics GCSE and great attention-to-detail – she paints miniature figurines in her spare time and so has had plenty of time to hone her precision skills: "If you see the size of the components on some of those boards, they're so tiny – most of the resistors are like a millimetre. One can have about 300 resistors!"

So, what is the number one skill she needs to do her job? "Creativity. You need a hell of a lot of imagination to work on things you definitely can't see!" won't go far wrong."

2004
Did triple science and electronics GCSEs

2009
Graduated from Lancaster University with a Physics degree

2010-17
Worked as a pharmaceutical dispenser at Manchester Royal Infirmary Pharmacy

2017
Is the only Electronics Technician for Particle Physics at the University of Manchester

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