

## NADIA JOHNSON



**Job:** Software Engineer

**Company:** Thales UK

I am a software engineering apprentice in my final year of my degree at Thales UK. I am, and have been, working on the update to the Sonars on the Astute Class submarines. Sonar is like the eyes and ears of the submarine when they're underwater.

Engaging

Capable

Articulate

**The skills I use most in my job...**Java

- MATLAB
- Communication

**The most interesting thing I've worked on in my career so far...**I would say I find all of my work exciting as I work on the Sonar technology for submarines. Every day I find aspects exciting, but one my highlight was completing my final year university project, as I built a small scale Sonar system, from the hardware through to software.

**What inspired me into digital and tech...**It was my love of physics that influenced the career choice I made. I was lucky to be nominated by my A-Level physics teacher to partake in the Nuffield Research Placement Programme. I was placed with an astrophysicist for the summer, this is where I learnt that I loved programming.

**My educational background is...**A-Levels: Maths, Further Maths, Physics & Photography. I am

currently in my final year of study of my degree apprenticeship for my degree in Digital and Technology Solutions- Software Engineering BSc.

**What advice I'd give to girls thinking about a career in digital and tech...**One of my biggest pieces of advice would be don't be afraid to explore the opportunities that digital can provide, there's a digital transformation going on and it's a fantastic opportunity for a fun and exciting career. So get involved!