EMILY PENRICE

Job: Software Engineer

Company: BAE Systems Applied Intelligence

I am a Software Engineer, so I write code which helps solve real world problems in a constantly evolving environment, creating computer software, applications and websites.

Proactive	Inquisitive	Ambitious

The skills I use most in my job... Problem solving

- DevOps skills, such as AWS (Amazon Web Services)
- Coding languages, such as JavaScript
- Pair programming
- Communicating with people of all levels throughout the company and beyond

The most interesting thing I've worked on in my career so far... At BAE Systems Applied Intelligence

we strive to support national security organisations in preventing crime and so everyday is very interesting and a challenge. Currently I am working on an application that will support teams throughout our own organisation in providing answers to any issues they may encounter during their project.

What inspired me into digital and tech... Extremely interesting work, seeing my work making a difference whether that be company wide or even with the potential to be worldwide. A very friendly team with frequent socials. The work is challenging and the learning curve has been huge but the fact that there is always something new to learn within this industry has definitely spurred me on to strive for more.

My educational background is...I studied Criminology and French at University before becoming a police officer. Once I realised that this was not the career for me, I soon realised that cybersecurity was the direction I wanted to go in and so I am currently completing a national security software developer apprenticeship through QA.

What advice I'd give to girls thinking about a career in digital and tech... Absolutely do it! There is so much opportunity in digital and tech, you will never be stuck for something new to learn.