



Anna Gilbert

About me

I am a **Fellow & Chartered Design Engineering Director** at **Cadence Design Systems**, with 24+ years experience in delivering solutions for complex, multi-disciplined and multi-site projects in the semiconductor and consumer electronics industry.

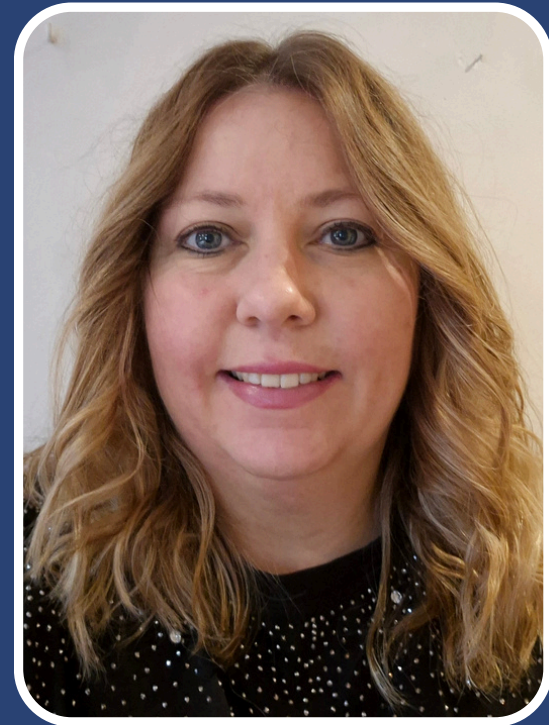
I have worked on semiconductor chips for everything from an Xbox to cars!

I graduated with a first-class honours degree in Electrical Engineering including Power Electronics from The University of Wales, Bangor.

My inspiration

I was always good at Physics, Chemistry and Maths so engineering was a natural fit. I went to an all-girls grammar school and I remember back then doctors, or at a push aeronautical engineers, were acceptable career options.

Electrical and Electronic Engineering was not looked on favourably. I think my mind was made up when my maths teacher told me I couldn't be an engineer - I set out to prove him very wrong!



My strengths

I am very motivated and energetic, even after nearly 25 years in the industry!

I always push myself, thriving off new challenges and I set high standards for myself and my team.

I am also a passionate field hockey player and coach.

Fascinating tech

The advancement of technology, from the technology nodes in the fabrication process to driverless vehicles and now the world of artificial intelligence.

A few years ago, as part of the IET and IMechE organisations I was involved in organising a schools event that saw **Richard Browning flying with his gravity jet pack around the grounds of Salisbury Cathedral!** I will never forget the 500 teenagers' faces!

What excites me about the future

The way humans' mindset will change with AI. We will have to think completely differently and all those boring repetitive jobs will be removed from the daily grind.

I am a mum to 3 boys and watching them learn and grow inspires me every day.

My aspirations

I want to keep making a difference. I continue to aspire to one day be honoured with an MBE!



I think if you strive to continually better yourself, professional registration is an important process in helping you assess your competencies and look at where you can improve. The process forces you to regularly self-evaluate so you can keep developing yourself professionally.

I would urge anyone to get a mentor, these are invaluable throughout any career.

I also recommend giving back to the community in any form. Whilst doing this in an engineering capacity it is really important to make connections and inspire the next generation. Voluntary work brings with it different skills that will help shape your path!