Digital Skills – Cyber
Graduate Case Studies

AARON MATHIAS

Profile

Aaron Mathias has led various transformation projects to increase the efficiency and productivity of human resources and business systems through the incorporation of technology and business systems improvements.

With a holistic, practical, data driven and agile risk-based approach, Aaron has delivered various project types that range from: business system modelling in a new hire company; enhancements to systems in a veterinary practice; new software development providing trade alerts to stockbrokers; and business and system transformation in a leading manufacturing plant and housebuilder.

He is passionate about change and has effective people management skills, interpersonal skills and presentation skills; involving people and inspiring them to embrace change.

Aaron has recently completed Digital Upskilling modules in Cyber Security at Level 9 and would be keen to use his existing skills alongside these new skills in future roles.

Experience of the Course

"The best thing about the course was the quality of the material delivered by both instructors and the relevance of the material in today's world. Both UHI and ScotlandIS were there to support me when needed, even if it simply meant listening to what we were going through during these times.

The new skills I have learned from these modules include theoretical and practical understanding of cyber security issues, and ethical and legal considerations of cyber security. I have knowledge of security risks to businesses as well as strategies to mitigate these risks, and business requirements to design and build secure networks and information systems. I also have an understanding of typical network and information security weaknesses and mitigating strategies (hardware, software and policies and procedures) to deal with these.

I would now ideally like to work in a consultancy capacity, transforming the way businesses work through improving/optimizing processes and/or incorporating technology when required. The pandemic has forced many businesses to become agile, including requiring employees to adopt technology to facilitate remote working, and the resultant business continuity. But how do we do all of this while understanding the risks posed by adopting these technologies, as well as identifying strategies to mitigate or eliminate these risks?

I would like to pull all my experience, learning and skills to bring about required change to businesses by providing them with solutions that fit their needs. I want to implement solutions from a holistic, informed view rather than being tunnel-visioned and biased."

- Aaron Mathias