

E3 Academy Graduate Profile: Ed Peate



I Joined Control Techniques E&D in 2012 just before I started at the University of Nottingham. I completed three summers of work experience and then joined full time in 2016 as part of their graduate scheme. The Control Techniques graduate scheme is two years and gives graduates an opportunity to work in a further four departments for six months at a time. Through my summer placements I gained both a stronger understanding of electrical engineering as well as better knowledge of how the lab operates. For each of the summers I was given a different project in a variety of departments which has led to a much wider awareness of the business as a whole.

During my first Placement I worked on a series of Electromagnetic Conformance (EMC) demos to display several fundamental concepts. These demos were then put into a series of video lectures that could be viewed by anyone in the company including new graduates. The creation of these required a significant amount of lab time working out how several different tests had to be carried out.

At the following summer placement I was tasked with improving a thermistor circuit so that the readings would be displayed with greater accuracy. This first meant an in depth investigation in to any area of the circuit or simulations that may cause any error in the results. This gave me great hands on experience of the products that Control Techniques sell as well as learning how to diagnose problems.

The most recent project I have worked on is component approval for a new line of products. This involved learning how to perform a series of tests using a variety of equipment and then taking and analysing the results. It also meant I had the responsibility of deciding whether to accept or decline the use of components used in finished products.

Part way through each of the summer placements the sponsored students from all E3 companies are invited to attend a summer school. This creates the perfect opportunity to network with peers and learn some additional skills from external companies. They also include some great activities such as outdoor team building days, pub quizzes and go-kart racing.

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