

# STUDENT STORIES



**3P INNOVATION ARE A WARWICK-BASED ENGINEERING AND CUSTOM AUTOMATION COMPANY.**

We provide innovative solutions and equipment to some of the world's largest companies across multiple sectors (including pharmaceuticals, medical devices, FMCG and confectionery). Working at 3P innovation, you will take on some of the industry's most exciting and ground-breaking technical projects.

**HERE IT FROM THE PLACEMENT STUDENTS...**



**Peter Blake**  
Mechanical  
Engineer

## TELL US ABOUT YOUR PLACEMENT YEAR AT 3P INNOVATION?

“ Coming into placement with no professional experience in engineering, it was great to see how the company functions, what roles people play in the teams and the business side of engineering, which is a crucial aspect of the industry, but rarely talked about in lectures. I was able to see first-hand how engineers communicate in customer meetings, and even present my own work to customers which has been an invaluable experience in building my own confidence as an engineer.

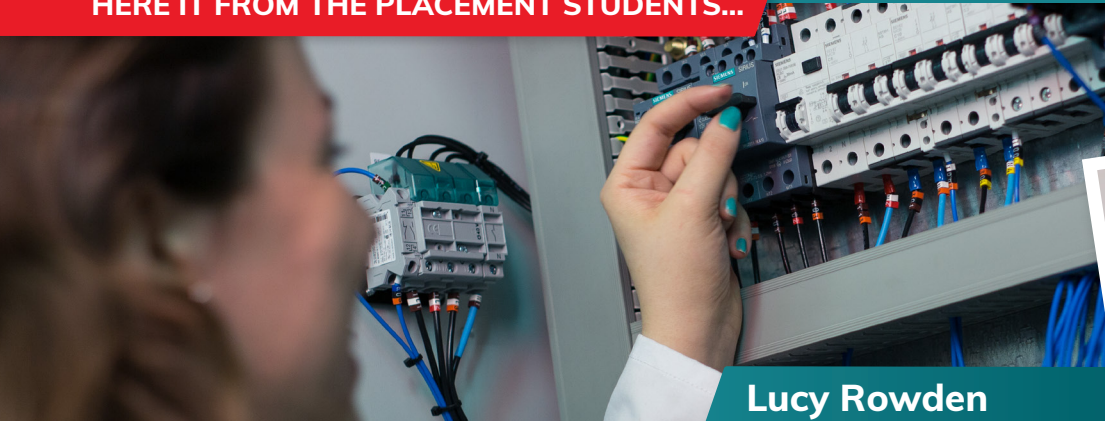
## WHAT WAS THE ON-BOARDING PROCESS LIKE?

“ My team was very welcoming and guided me through several smaller tasks to get used to the expectations and responsibilities of a placement student. This support continued throughout the year when needed, as I became increasingly more independent, pro-active and able to manage and carry out my own jobs.

## WHICH AREAS DID YOU GET TO WORK IN?

“ Since 3P provide engineering solutions in a wide range of industries, there are always new and interesting projects to be involved in. To name a few, I have worked with customers in confectionery, medical technologies, e-liquid dosing and catalytic converter powder dosing. This has given me a very well-rounded insight into automation and many of the skills I have learnt can be applied to other areas of engineering.

HERE IT FROM THE PLACEMENT STUDENTS...



**Lucy Rowden**  
Electrical Engineer



### WHAT DID YOU DO DURING YOUR YEAR AT 3P?

“ During my year at 3P, I worked on 6 projects, 2 of which spanned over most of the year. I was able to work on these two core projects from the initial design level, through to its build and ultimately all the way up to their FATs (Factory Acceptance Test). Within my role I designed and drew the electrical schematics for multiple machines, designed the physical layouts of electrical cabinets and procured project components. In terms of practical electrical work, I built and wired numerous electrical panels, and in doing so, learnt how to use new tools and equipment such as a hydraulic press and electrical stud welder. I also helped prototype & troubleshoot a new static detection technology that is in line to become a 3P standard product.

### DID YOU ENJOY YOUR PLACEMENT?

“ I found my placement incredibly enjoyable, not only because of what I've learnt, but also because of my colleagues and the overall work environment. I feel privileged to be given such responsibility and because of it I am now confident that I want to continue this type of work after university.

### HOW DID HAVING A MENTOR HELP YOU DURING YOUR PLACEMENT?

“ My line manager has been an integral part of helping me learn and strive to achieve the most out of my placement here at 3P. His support pushed me to learn new skills (including the electrical stud welding and hydraulic press), understand the physics behind our work, all whilst giving me the independence and responsibility to grow as an electrical engineer.

### WHAT ADVICE WOULD YOU GIVE A FUTURE STUDENT THINKING ABOUT UNDERTAKING A PLACEMENT YEAR AT 3P?

“ Don't limit yourself. Take any opportunity to learn more about project management, business development or other technical skills. Without opening your eyes to all these other aspects of the company, you may miss out on something new you might thrive at.