Transcript

Title: Engineering video - student
Creator: Swinburne University of Technology
Year: 2024

Audio/video for this transcript available from:

JESSE: Hi, my name is Jesse. I'm studying Product Design Engineering at Swinburne. I've done my placement here at Krueger Transport Equipment, where I've then now started working full time.

During my placement here at Krueger, it varied a lot. I started placement down in the manufacturing side of things. I then went to the engineering department. Since then, I've got a full-time job here at Krueger as the operation supervisor for the laser cutter.

For professional experience here at Krueger, learning to communicate with others, as well as deal with key stakeholders, negotiating with different departments within the business to come together and get our final outcome that we're after. Also looked at problem solving skills, plenty of multitasking.

While doing the time study, I did actually start setting up the floor plan here at the laser at the same time. So for me, it was going back and forth between the two different tasks, while also doing other smaller mini projects throughout. So yeah, multitasking, communication and just problem-solving skills.

Since working and helping setting up the laser cutter, I've really enjoyed running a laser and being in a manufacturing space as well, really aligned with Product Design Engineering, having lots of design for manufacture principles. I see them in person here at Krueger.

LACHLAN: My name is Lachlan, and I studied Mechanical Engineering at Swinburne. So I did a 12-week internship here at Ramset and then that led to a career opportunity to start as a Product Design Engineer after finishing my degree.

I've worked across both BuildX and Ramset brands across two sites, one in Moorabbin, and here at Chirnside Park. And I started mainly focused on Buildx, developing screws, and in the last year or two, I've shifted more to the Ramset focus, a lot of research, product development, a lot of 3D printing, FEA, solid works. So a lot of those core units really helped set me up.

I love to get involved in the product development, seeing something go from idea to a product launch. Here at Ramset we're heavily involved in the concrete standards, and we do a lot of third party testing with Swinburne. And it's been really good to have those connections over the years, especially when I'm going on to site at Swinburne and doing the testing with the lab there.

I think Swinburne was fantastic for giving me the technical skills, and since graduating, I've definitely had to rapidly address the time management and other networking skills, that definitely gave me a great head start with the technical side of things.

I definitely recommend the 12-week internship, which allowed me to get close to the local manufacturers, gave me a taste for the industry, and it reconfirmed I did want to chase after that industry. And then when it came to the hiring process at the end of my degree, it made it a lot easier to get that initial job and fast track my career development.

[END OF TRANSCRIPT]