CIVIL ENGINEERING

Joshua Dodds
Graduate Civil Engineer

My qualifications are

- MEng Civil Engineering

Skills needed in my role

- Communication
- Creativity
- Teamwork
- Curiosity
- Innovation
- Problem solving

About me

I am Joshua Dodds and I work as a Graduate Civil Engineer having joined Curtins in 2023 from another firm. I graduated from the University of Nottingham in 2022 with masters in civil engineering.

What are your day-to-day responsibilities at work?

I work with the Civils team to deliver 3D modelling and designs for roads, drainage and earth works. As well as working with other teams to coordinate and support their design work.

What subjects did you study at GCSE that helped you with your career?

Mathematics, Physics, English, Geography, IT & Product Design

What do you enjoy most about your job?

I love that my work is so varied, no 2 days or projects are the same and each requires a new way of looking at a problem and pushes us to think outside the box. Working as part of a team to create designs, presenting your ideas to clients and colleagues always pushes you to think differently, and consider if there is a better way of doing it. Curtins is at the cutting edge of engineering software, and watching something go from your computer to driving past completed on your way home is a really rewarding feeling.

Tell us about your career path!

After completing A Levels in Geography, Physics, Mathematics and Chemistry I joined the University of Nottingham on a Rowing Scholarship. After 4 years of my degree, I worked in Wakefield as a Graduate Engineer for 12 months and moved to Curtins to experience a wider variety of projects, and progress my career forward. I am currently working towards becoming a chartered civil engineer with the Institution for Civil Engineers and hope to achieve this in the next 2 years.

What is the best project you have worked on?

The best project I have worked on is the Rotherham Canal Barrier. The demands of the site surrounded by water, the constant flooding and bad weather, and short construction window made this a challenging but great scheme to be a part of.