

Tomorrow's Engineers Week Power Up Your Passion!

Meet Gideon...

What does your role involve?

My role is about turning design concepts into improvements that make our roads safer and more sustainable. I contribute to highway schemes by preparing technical designs, carrying out detailed calculations, and ensuring risks are managed. I collaborate with project managers, contractors, and environmental specialists to ensure decisions balance safety, cost, and value. I help shape ideas through buildability discussions and customer impact assessments. This allows me to think creatively about how we can minimise disruption, reduce carbon, and deliver smarter solutions. The most important aspect is knowing that the work I do contributes to safer journeys, reliable infrastructure, and a positive impact on communities and the environment.

What skills did you learn at school that help you in your current role?

Problem-solving and analytical thinking have been the most transferable skills. Maths and science built the foundation for my technical understanding, but just as important were communication and teamwork, working on group projects taught me how to share ideas clearly and collaborate effectively. Those early skills still play a huge role in how I approach complex engineering challenges today.

What originally appealed to you about your program?

My program offered the chance to rotate through different areas of the business while working towards Chartership. I wanted a role that would challenge me but also give me opportunities to grow and develop an understanding of how infrastructure projects are delivered.

I knew my program would give me the right platform to build not just my technical expertise, but also my confidence in collaborating with others and taking responsibility for real-world projects.



Gideon Akhidenor
Graduate Civil Engineer

What do you love about your role?

What I enjoy most is the variety, no two days are the same. I might be analysing skid resistance data to improve road safety or working with environmental colleagues to assess the wider impacts of a scheme. I love being part of a team where engineering, safety, and sustainability come together to solve real problems.

I also enjoy the sense of purpose, knowing that the designs I contribute to will be built and make a tangible difference for thousands of road users is incredibly motivating. Every scheme, whether big or small, feels like a chance to make journeys safer, reduce carbon, and leave a positive legacy.

What career advice would you give your younger self?

I'd tell myself not to worry about keeping pace with others and to see every experience as a lesson that shapes your future. Working in a soap factory alongside my degree wasn't glamorous, but it taught me teamwork and resilience, skills I use every day. I'd also remind myself that setbacks don't define you, failing doesn't mean you're a failure. Be open to feedback, ask questions, and take ownership of your own development. I'd also remind myself that confidence comes with experience, and the best way to grow is to say yes to challenges, even if they feel daunting at first.