

Rail – Graduate Civil Engineer Job Description

With Atkins' Rail business you will be part of a team that is creating and rolling out next generation transportation across the globe. With record investment in infrastructure, now is a great time to work in rail as there are plenty of opportunities for graduates to come in and shape their careers.

Our business has secured major contracts including HS2, signalling frameworks in South East England and the Stafford Area Improvements Programme. We are also the lead design organisation for the Great Western Mainline electrification project which presents an opportunity to work on the first national electrification scheme in a decade.

By working for our rail business you will have the chance to:

- Deliver projects that will be used by millions of people each year,
- Work for the market leader in sustainable transport, and
- Become part of a multidisciplinary workforce located in the UK, Scandinavia, China, the Middle East, India and North America.

Atkins' Rail is split into three businesses – **Rail Engineering Projects**, **Rail Communication Systems** and **Rail Solutions**. All three businesses work closely together, supporting each other on projects and best practices, along with working with other Atkins divisions.

There are graduate opportunities available within **Rail Solutions** for those with **Civil Engineering** degrees. Applicants should have a 2.1 or above BEng or MEng degree (or equivalent). Preference will be given to candidates with an MEng degree.

Successful candidates will be eligible to join the Rail / Institution of Civil Engineers (ICE) graduate training scheme and work towards becoming a member of the ICE, therefore their degree must be accredited by the ICE.

Graduates in the **Rail Solutions** division of Atkins join a multidisciplinary team delivering enhancements and renewals to today's operational railway infrastructure, on projects such as bridge replacement/strengthening, new or enhanced stations, depots, linespeed enhancements or level crossing renewals. You will have the opportunity to obtain a broad range of experience throughout the project lifecycle, including feasibility studies, site investigation works, outline and detailed structural design. Our graduates will be exposed to technical roles as well as project management, involving liaison with clients, contractors and external third parties to gain a well rounded experience of the industry that will help in attaining the ICE's development objectives as soon as possible.

We are also looking for candidates who are prepared to be flexible with their location as training will take place in a number of locations within the UK.

We have opportunities across the country, based in **Glasgow, Derby, York, Warrington, Birmingham, Swindon, Cardiff, Croydon and London**.

Responsibilities

- Design calculations and drawings for assigned projects within the Rail portfolio
- Project management of work packages
- Report writing
- Client engagement activities from the outset, including attending project meetings and issuing project updates
- Feasibility studies
- Planning, procuring and implementing site investigation works
- Ensuring that all works – survey, design and construction – can be carried out safely

Attributes required of our graduates

- The drive and self motivation to achieve Chartered status and to continuously develop technical, commercial and management skills.
- Ability to work and communicate effectively within multidisciplinary teams.
- Excellent verbal and written communication skills.
- Ability to apply technical knowledge to analysing and solving engineering problems.
- Ability to work using self initiative.
- Flexible approach to work, and ability to prioritise and manage time effectively.
- Strong attention to detail and ability to make correct judgements.