resonate

GRADUATE VACANCY
Signalling Engineer (Automatic Route Setting), Derby-based

Why do we have this role?
Resonate specialises in providing mission-critical systems and data science-led solutions, and in the UK our powerful signalling control and traffic management technologies are supporting the rail industry Digital Railway initiative driven by Network Rail and the Department for Transport. Our continued success sees us looking to further strengthen our team with graduates looking for a challenging and rewarding opportunity to build a new dual rail and tech industry career.

As part of a product-specific team, you'll be designing, creating and simulating varied technical data sets for our systems using your ability and rail knowledge to think through a solution where there may be no pre-existing process to follow, helping to solve challenges related to the planning and control of large-scale rail and other transport networks.

Whilst basic command-line coding skills are an advantage, no specific programming language or database technology experience is required to perform the role as full training on the tools and technologies we use will be given alongside wider development support to stretch and challenge you.

What are the key aspects of the role?
- Technical input to projects in order to identify data requirements
- Design and production of data from initial source documents
- Independent verification of data
- Testing of own work in order to ensure consistent high quality
- Implementation of internal testing to meet project deadlines
- Build of new project scheme data into test environments for testing
- Preparation and release of data (including associated documentation) for testing and deployment
- Work with independent testers in order to identify and rectify any data errors identified

What are we looking for?
An individual with:-
- Passion for and interest in rail operations/systems, including network geography and timetabling
- A proven ability to systematically approach tasks and to manage multiple and at times changing priorities and expectations
- An ability to absorb complex information quickly, self-validate, troubleshoot and debug work
- Numeracy capability and a keen eye for detail
- Confidence to participate in technical debate and communicate effectively with technical experts

Why Resonate?
We offer competitive starting salaries alongside an excellent benefits package including 25 days' holiday plus public holidays, Bupa healthcare cover, contributory pension, life assurance and income protection cover arrangements, etc. We have an informal working environment, contemporary open-plan office accommodation and a city-centre location with free parking and excellent transport links (we are right next to the train station!).

How to apply
If this is on track with your career aspirations, please email a copy of your CV and a covering letter to recruit@resonate.tech.