

In the company of...

SOLVERS



Business area: Aerospace, Defence, Security and Technology (ADS&T)

Requirements: Minimum 2.2 Bachelors or above in; Earth Sciences, Geography, Geomatics, Geospatial, GIS, Surveying & Land, Surveying & Mapping Science

Our teams and what they do

At AtkinsRéalis we're streets ahead of our competitors; we lead the industry with our bespoke geospatial data environment, and we have won multiple awards for innovation. We don't just rely on ESRI products but utilize open source and cutting-edge software to push what we can do further, faster. Our 80 strong team have an enormous range of specialties and backgrounds, which is why we can work on and deliver a huge variety of projects. We're a warm and welcoming team with a family feel, it's why we retain the high level of staff that we do. Our team will be there to help you every step of the way.

Being a part of the Geospatial team could see you providing a range of services covering the full lifecycle of location-based information, from data acquisition and processing to spatial analysis and display. Our drive is to deliver innovative, quality solutions to our clients enabling them to use data to make well informed decisions in a user friendly and intuitive environment. Our success lies in our integration across the AtkinsRéalis businesses, and our hunger to push geospatial solutions ever forward.

As one of our Geospatial Graduates you'll work on some of the UK's largest infrastructure projects and initiatives such as helping the UK to achieve its ambitious Net Zero targets as well as projects overseas for clients such as the World Bank. You will get to work on a wide variety of projects from the moment you join, as well as attending ESRI and FME training.

You could be involved in:

- Advising and guiding clients on the best approach to take for the geospatial aspects of their projects, from basic constraints mapping for our environment team to public engagement using Arc StoryMaps or our own webGIS
- Working with our software developers to create a brand-new spatial use portal
- Creating viewshed maps for planning applications
- Biomass mapping, creating maps for the United Nations Development Programme

Our Geomatics team is part of the wider Geospatial team and there will be an opportunity for you to work across both areas. The Geomatics team collect raw geospatial data using a wide variety of traditional and leading-edge surveying and remote sensing technologies including drone, LiDAR and Ground penetrating Radar. We provide Geomatics services to small, medium and large projects from geodetic control survey, traditional ground survey, LiDAR/Laser Scanning survey (static, mobile and aerial), aerial photogrammetric survey (manned and unmanned) and sub-surface utility surveys.

Our aspiration is to define innovative solutions in order to provide the highest quality 3D survey and mapping data products to our clients' requirements. Our success lies in our experience across a wide range of data capture techniques and collaborative approach to defining the most appropriate survey methodology, working in partnership with disciplines from across the AtkinsRéalis community.

As a graduate you could gain experience in implementing survey solutions across disciplines and be involved in:

- Projects where we are advising internal and external clients on the best approach to take.
- Delivering surveys for a wide range of data capture requirements.
- Large scale surveys of existing or for new infrastructure, aerial or ground based.
- As-built surveys for BIM modelling and compliance testing.
- Acquisition of site survey data using drones, total stations, laser scanners and GPS.
- Office-based production of deliverables including basic CAD outputs, orthophoto, 3D ground models, BIM models and visualisations.
- Spatial analyses
- Compliance and monitoring of Health and Safety requirements
- Assisting surveyors on site in the acquisition of topographical data
- Assisting in the general running of the survey operation
- Assisting in the production of digital ground models and drawings
- Working on various sites operating total stations, drones, laser scanners, GPS and generally assisting the surveyor
- Downloading data from instruments
- Part processing data checking inputs
- Creating AutoCAD drawings
- Compliance with Health and Safety requirements

About us:

Our Early Careers Programme is the ideal framework to enable enthusiastic people to drive their own career development. You will be supported and motivated to develop the skills and knowledge you need to progress in your early career. Our programme features signature events, core training modules, professional development mentoring and on-the-job experience.

We offer a world of opportunities that will enable you to shape your career the way you want to. You will be given the independence and responsibility to drive your career alongside having a supportive structure in place to help you grow, with guidance from experienced consultants & engineers. You will work on real life projects and being given a variety of assignments.

Our early careers programmes embrace an amazing culture and social aspect to allow you to network and build professional relationships which will enhance your development.

Locations for this business will include: Birmingham, Bristol, Glasgow, London

To apply, please return to the main job specification