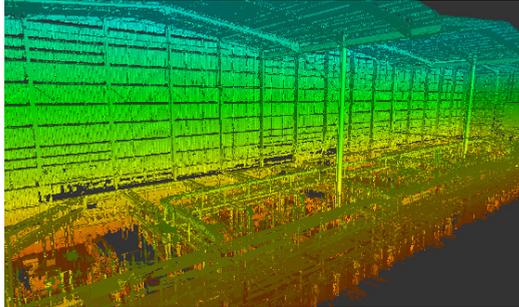
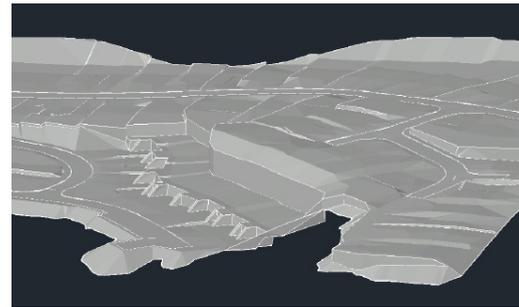
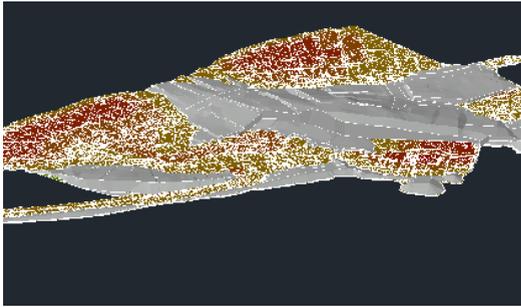


ADEPT

CIVIL AND STRUCTURAL CONSULTING ENGINEERS



RECRUITMENT BRIEF

Civil and Structural Engineering Apprentice

LEEDS / MANCHESTER

www.adeptsce.com

 **ENGINEERING
BETTER
TOGETHER**

Introduction to Adept



This is an exciting opportunity to join a dynamic, rapidly growing and strongly established civil and structural engineering consultancy with an excellent reputation for the delivery of complex and specialist projects.

Adept Consulting Engineers Ltd was founded in January 2007 by business partners Erol Erturan, Richard Parker and Matthew Ramsden, who work to engineer better together using BIM.

Our clients choose us because of our reputation as a customer focused personal and responsive company that employs the best staff who use the latest technology to deliver the best value service on time.

We have a loyal client base and almost 80% of our work is generated from repeat business.

We work within a wide range of sectors, including:

- Commercial
- Distribution
- Education
- Energy
- Extra Care
- Food Processing
- Health
- Hotel & Leisure
- Listed buildings
- Residential
- Retail
- Warehousing

Our Services

Our mission is to provide high quality civil and structural engineering services to our clients within the construction industry.

OUR SPECIALIST AREAS OF WORK INCLUDE:

- Preparation of conceptual schemes
- Detailed designs and drawings of foundations
- Superstructure
- Drainage
- External works and highways for new build and refurbishment projects
- Building Information Modelling (BIM) including providing data rich 3D models
- Structural surveys and reports for existing properties
- Desktop studies, flood risk assessments, site investigations
- General civil and structural advice
- Feasibility studies
- Project management and lead consultant services
- Laser point cloud surveying
- BIM consultancy, converting laser point cloud to BIM

The Opportunity

We require an enthusiastic and ambitious **Civil and Structural Engineering Apprentice** to join our busy design team to assist chartered civil and structural engineers.

The ideal candidate will be computer literate with basic knowledge of mathematics and physics, with a strong desire to study and learn to contribute to the built environment. The position is envisaged to be full time, with day release for studies as required and on the job training under the apprenticeship routes.

THE PERSON

- An interest in civil and structural engineering and a desire to pursue this as career
- Reliable and enthusiastic
- Must be ambitious and willing to learn under supervision
- Based within a busy environment, candidates will be expected to work using their own initiative
- Must have a methodical approach to new tasks and problems
- A helpful and friendly approach is essential
- A team player

SKILLS AND EXPERIENCE

- Excellent communication, mathematics and IT skills
- Good literacy skills
- Ability to work independently without the need for close supervision
- Required to work to deadlines, with good time management skills
- Organised and have good attention to detail
- Previous experience in the sector would be beneficial but not essential

QUALIFICATIONS

Advanced Apprenticeship - Level 3

- Minimum 5 GCSEs (or equivalent) at grade C or 4 and above including Maths and English

Higher Apprenticeship - Level 4, 5, 6

- Minimum 5 GCSEs (or equivalent) at grade C or 4 and above including Maths and English
- Minimum 2 A Levels including - Science / Physics / Maths



The Role

The position of Apprentice would suit an ambitious person who is passionate about engineering, willing to learn and wants to develop a career as a technician in the field of Civil and Structural Engineering with the support of friendly Chartered Engineers and experienced technicians.

OBJECTIVES AND KEY RESPONSIBILITIES

- Produce civil and structural drawings using software based design tools including AutoDesk, Revit Structure and Civils 3D.
- Preparation of drawings and working closely on construction plans with clients, architects, contractors and other professionals.
- Developing design ideas using Building Information Modelling (BIM) software.
- Managing project directions, drawing management and paper filing system's ensuing all work complies with company procedures and standards.
- Preliminary Civil/Structural design works under supervisions of engineers.
- Collaborate with the rest of the Structural team in the delivery of outputs to agreed deadlines.
- Liaise with the client and design teams on active projects and to manage and procure deliverables on time.
- Careful management of project time recording.
- Work effectively within a team and contribute ideas concisely.
- Liaise with clients confidently through effective communication and collaboration.
- Attend Design Team Meetings.
- Run the day to day workings of a project with assistance from the Principal Engineer/Director of the team.
- The candidate will receive relevant training to use software needed to design and deliver a project successfully.





Why consider this opportunity?

This is an exciting opportunity to join a forward thinking company. The apprenticeship offers a platform for developing skills and abilities, with future opportunities to progress within the company.

Apprentices are paid at the current National Minimum Wage rate for an apprentice, working 37.5 hours per week with day release for studies as required.

We are also offering a range of benefits inclusive of:

- healthcare scheme
- free on site parking (Leeds Office)
- paid professional membership fees
- 22 days annual leave (in addition to bank holidays)
- tailored training opportunities
- a contributory pension (when eligible)
- opportunities to attend a range of employee social events
- a discretionary profit and performance related annual bonus up to one month's salary
- £100 birthday bonus

The successful candidate will be working with a highly motivated and committed team who successfully deliver an interesting and broad range of civil and structural engineering projects, within sectors such as healthcare, education and residential.

Our offices are friendly and supportive working environments. Our 93% retention rate and annual appraisal staff feedback demonstrates Adept's employee satisfaction.

We genuinely believe in the benefits of providing a pleasant working environment where staff are respected, informed and given opportunities to better themselves.

Our Social Committee organise and run several social events every year. Previous events include:

- an American pool tournament
- a bowling tournament
- a Krypton Factor Challenge
- a virtual golf tournament
- a bingo event
- a casino night out
- monthly sponsored pub outings
- Christmas party

Our dedication to valuing and nurturing our employees has been recognised by Investors In People.

Adept is an Equal Opportunities Employer

Apprentice profiles



ETHAN WESTERMAN

After finishing my A-levels I was unsure of what to do next. After exploring options, I decided an apprenticeship in civil/structural engineering was the route for me. I was researching local companies and found Adept. Their focus on innovation in the industry immediately grabbed my attention.

My role involves producing drawings for clients and contractors. The projects I work on vary in size from a simple mezzanine to being involved in large warehouse projects. I am using software such as Revit and AutoCAD to design live projects.

I would absolutely recommend becoming an apprentice, as being able to learn whilst being paid is a great way to start a career. Learning plenty of skills early on in my career will give me greater opportunities in the future that I may have missed otherwise.



MATTHEW MCGARVEY

Being an Apprentice has helped me develop quickly at such an early stage in my career. I am constantly learning as I gain industry experience, whilst working towards qualifications.

At Adept I am a Structural Technician which means I produce drawings and 3D models for structural elements of a construction project, including steelwork, foundations, and rebar detailing. I also help to carry out calculations and produce designs using software such as Revit, AutoCAD, Tedds and MasterSeries.

I am part of a team of highly skilled and knowledgeable engineers who are always there to help with any issues. My aim is to complete my Degree Apprenticeship at Leeds Beckett University and continue to develop my technician and engineering skills.



JACK HOLDEN

I originally joined Adept as an Apprentice whilst studying the Level 3 BTEC National Diploma in Civil Engineering and NVQ at Leeds College of Building.

One of the best aspects about working with Adept is the experience I gain from using a range of latest technologies including BIM. As an apprentice technician, my role involves drawing/modelling or setting up drawings and models using Revit and AutoCAD.

Engineering is a career that is interesting and offers a wide range of career opportunities. I would recommend the apprenticeship scheme as a route into engineering as it's a great way to get real work experience whilst learning.

I recently graduated from my Level 6 BSc (hons) Degree in Civil Engineering and I'm currently working towards gaining the IEng qualification to complete my Degree Apprenticeship.



Digital Innovation

We understand that Building Information Modelling (BIM) is key to our industry's shared future. We see this as self evident and have modelled our business around this

We are a forward thinking, technologically advanced company and use the latest tools to deliver our projects, resulting in increasing productivity, efficiency and better service to our customers. Despite our extensive experience, we are always looking for new and innovative ways to improve and develop. Exploring new software and processes are part of our working day. Our staff are continually encouraged and inspired to implement cutting edge solutions.

Our focus and expertise in BIM is rather unique. Having achieved BIM Level 2 accreditation in 2015 we became the first civil and structural engineering consultancy in the UK to receive such an award. This validated our advanced capability in modelling, analysis exchange and process maturity beyond compliance with UK standards, and we haven't stopped progressing.

We embrace trust based collaboration and recognise that working together creates benefits far greater than the sum of its parts. Clients, staff and design partners have gravitated towards this approach and the positives have been numerous.

Reduced rework, clash detection on site, intelligent data exchange, improved accuracy and greater transparency are just some of the quantifiable benefits we continue to share.

At the end of our projects all parties are more knowledgeable, experienced and better equipped for the future and we see this as a great achievement. We openly share knowledge, models, processes and ideas and actively encourage our clients and sub-contractors to do the same.

Adept's attitude to Digital Innovation has been our unique selling point since our early days. BIM is integral and fundamental to the delivery of all our projects. There are no exceptions, it just makes eminent sense.

In practice we go beyond what is traditionally seen as BIM for Civil/Structural Engineers and routinely deploy our Laser Scanner, UAV and VR equipment.

All of our models are workshared for data segregation, most contain analysis data and other intelligent features beneficial to the digital twin envisaged for the lifecycle of the facility. This is our modus operandi. Our current interests lie in mesh feature recognition from point clouds, LEAN processes and practical Virtual Reality.

We are members of Cyber Essentials Plus, a government backed cyber certification scheme.

For project delivery Adept uses a wide (and often changing) array of technical software, bespoke solutions and modules.



The Adept Culture and Team

We know that a happy workforce leads to increased morale, productivity and efficiency.

CULTURE AND TEAM

Our culture is based on being entirely staff and customer focused. We invest in tailor made training programmes (apprenticeship schemes, degrees, software and technical training and sales and management training) for our staff, to help them develop and progress in their career. Our staff have a wealth of experience, talent, skills and industry knowledge.

Our staff have taken part in a number of charitable events over the years, to raise money for different charities including Action Medical Research and Barnados:

- Yorkshire 3 Peaks
- York Cycling 100km Route
- Windermere 20 Challenge

A number of staff also provide 'volunteering days' to Lineham Farm Children's Centre in Leeds (who aim to enhance the lives of local children by organising respite breaks and holidays) to help out with improvements to the facilities. All Adept staff are provided with two days paid volunteering leave per annum.

Adept promotes social responsibility, growing our own talent, and promoting engineering and construction to young people.

APPRENTICESHIP SCHEME

We run a successful Apprenticeship programme, employing students from Leeds College of Building and Barnsley College. We also support those working towards Degree Apprenticeships, with staff previously attending programmes at Leeds Beckett University and UCLan.

Every year new apprentices are recruited and developed, enabling them to learn and thrive. We are proud of our ability to support the engineers of tomorrow and have employed at least one apprentice every year since 2008.

We have also supported members of staff pursue their engineering qualifications part-time through the Open University.



Investors In People



Adept Consulting Engineers have achieved an Investors in People accreditation. Here are just some of the comments from the IIP Assessor:

“Adept Consulting Engineers has some great foundations in place with regard to best practice and this is commendable for a company of its size. In particular the **culture of collaboration** and professionalism, especially when some of the employees are young, is excellent.”

“The company motto ‘Engineering Better Solutions Together’ describes a **truly collaborative way of working** whether that is internally between colleagues or externally with stakeholders such as clients or contractors or even the wider community through the CSR work undertaken by the organisation.”

“The directors are held in high regard by employees who have confidence in the business being taken in the right direction. There is **clarity of vision, purpose and objectives** and people trust that the leadership team will take the business forward.”

“Innovation as a thought process is regarded as being ‘part of the DNA’ of the business and a catalyst for change. The business is **quick to adopt new technology** where ever financially viable and regards this approach as a necessary part of its growth strategy.”





Build your future and become a part of our success

INTERESTED?

To apply, please send you CV and covering letter to jobs@adeptsce.com

Adept is an Equal Opportunities Employer



ADEPT
CIVIL AND STRUCTURAL CONSULTING ENGINEERS

ENQUIRIES:
0113 239 4518

ADEPT

CIVIL AND STRUCTURAL CONSULTING ENGINEERS

LEEDS

1912 Mill,
Sunny Bank Mills
Town Street
Farsley, Leeds
LS28 5UJ

SHEFFIELD

Courtwood House
Silver Street Head
Sheffield
S1 2DD

MANCHESTER

4th Floor
7 St James Square
Manchester
M2 6XX

LONDON

85 Tottenham Court
Road,
London
W1T 4TQ



ENGINEERING
BETTER
TOGETHER



ENGINEERING
ETHICS
BETTER TOGETHER

www.adeptcsce.com