

Job Title: Graduate Engineer – Structures
Reports to: Group Director

Eckersley O'Callaghan is one of the most innovative engineering design firms in the world, with an international reputation cultivated through a commitment to research and innovation. Our multiple award-winning collaborations with forward-thinking architects such as Foster + Partners, Zaha Hadid Architects and Heatherwick Studio, for clients that include Apple, Google and Vitsoe, have placed us at the forefront of design in structures and facades. Our principal office is in London, with other offices in New York, Los Angeles, San Francisco, Paris, Milan, Manchester, Delhi-NCR, Hong Kong, Shanghai and Sydney. We enjoy working with a range of materials, forms and building types across diverse sectors and project scales to deliver imaginative solutions.

Our expanding team in London is looking for a Graduate Engineer to join our structures team.

DESCRIPTION

We are looking for someone with the following:

- A good masters degree in structural or civil engineering
- Good communication skills and collaborative approach
- An interest in buildings, architecture and the built environment
- Good analytical skills and experience of a range of software's
- Working knowledge of BS/EN standards

KEY RESPONSIBILITIES

- Report to the structures Group Director in London
- Develop professionally, take on responsibility and contribute to the growth of the practice
- Hand sketching and use of CAD
- Develop design solutions on projects at a range of scales in concrete, steel, timber, masonry and other materials.
- Demonstrate a working knowledge of structural analysis (FEM) software and 3D modelling software (Rhino, Revit, etc)
- Maintain up to date technical knowledge
- Use analytical software effectively and interpret the outputs well
- Apply theory to practice in a logical way
- Highlight potential problems

PERSONAL QUALITIES

- Good organisational skills and the ability to cope with a variety of tasks
- A flexible, positive approach and the ability to work as part of a team in a busy, creative atmosphere
- Excellent interpersonal skills with the ability to communicate with people of all levels.

WE OFFER

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- Flexible working around core hours
- Opportunities for continuing professional development including mentoring to chartered status
- An internal training programme for employees at all levels
- Opportunities for career growth
- Opportunities to take part in internal R&D activities
- Collaboration opportunities with EOC offices around the world
- World-class projects with leading architects and collaborators