

**Job Title:** Graduate Engineer – Specialist Glass and Facade Structures  
**Reports to:** Group Director  
**Job Purpose:** We require a Graduate Engineer in our London office supporting the Structural engineering team

**Eckersley O'Callaghan** is one of the most innovative engineering design firms in the world, with a global reputation cultivated through a commitment to research and creative thinking. We enjoy working with a range of materials, forms and building types across diverse sectors and project scales to deliver imaginative solutions. 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, Vitsoe and Bulgari, have placed us at the forefront of design in structures and facades. Our commitment to sustainability, digital design, and continuous research and development remains at the core of our approach.

We offer a stimulating work environment with enthusiastic, intelligent, hard-working colleagues, and support personal development through training and project opportunities. Our principal office is in London, with other offices in Manchester, Paris, Milan, New York, Los Angeles, San Francisco, Delhi, Hong Kong, Shanghai and Sydney.

### DESCRIPTION

We are looking for people with the following:

- A good degree in structural engineering, and preferably a relevant postgraduate degree
- Some knowledge of or an interest in either special structures, glass or facade design and detailing
- Academic research or studies in facade design and detailing
- Good communication skills and collaborative approach
- Aptitude in the engineering aspects of non-standard facades, preferably with an emphasis on structural engineering
- Interest and experience in detailed analytical design
- Knowledge of EN standards
- A keen interest in architecture and a willingness to travel

### RESPONSIBILITIES

- Report to the specialist 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 through the structural use of glass
- Demonstrate a working knowledge of structural analysis (FEM) software and 3D modelling software (Rhino, AutoCAD, 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

### PREFERRED ATTRIBUTES

- 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.
- Can do attitude that drives for success

## **WE OFFER**

- A stimulating work environment with a smart, diverse and motivated set of colleagues
- A competitive benefits package
- Volunteer and outreach opportunities
- Flexible working around core hours
- Opportunities for continuing professional development including mentoring to chartership
- 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 our international offices
- World-class projects with leading architects and collaborators