

**Job Title:** Graduate Facade Engineer  
**Reports to:** Director  
**Job Purpose:** We require a Graduate Engineer with architectural, structural, or environmental engineering background, who shares our passion for creative design and problem solving.

### DESCRIPTION

**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.

Our expanding Los Angeles team is looking for a Graduate Facade Engineer with a range of technical design expertise to work on the envelope design on a variety of high-profile local and international projects, ranging in both scale and scope. A strong interest in architecture, structural and facade engineering and building physics is essential.

Applicants should have US right to work and be based in the US.

We are looking for people with the following **skills**:

- A degree in engineering or architecture, and preferably a relevant postgraduate degree (or equivalent experience)
- Knowledge of the engineering aspects of facades
- Good understanding of design parameters for a wide range of different materials
- Strong sketching and drawing skills using CAD software, as well as 3D modelling
- Strong written and verbal communication skills in English
- Works effectively in multidisciplinary teams and contributes to shared project outcomes
- Ability to manage multiple priorities effectively and deliver work to agreed timelines

### RESPONSIBILITIES

- Working on several projects simultaneously, working with the client, architect, and other engineering consultants to determine the best facade design outcomes
- Producing sketch, drawing and specification deliverables, coordinated with other parties and ensuring a high standard of work
- Support team with technical analysis including structural calculations and thermal and condensation assessment
- Support team when representing the company at workshops, design team meetings and site meetings with clients and collaborators
- Show curiosity about emerging technologies, materials, and methods, and apply this knowledge when contributing to client solutions
- Support and carry out site observations, factory visits, witnessing of mock-ups and testing and preparation of technical reports
- Contribute to internal R&D initiatives and production of technical notes

## **JOB KNOWLEDGE**

- Working knowledge of digital design / modelling software
- Exposure to structural analysis software as well as glass selection tools, building physics assessments, and environmental analysis
- Experience in the use of Revit and CAD software
- Awareness of architectural design considerations in facade engineering
- Willingness to travel

## **WE OFFER**

- A structured professional development and training programme with pathways to chartership.
- An inclusive workplace that values diversity, collaboration, and professional excellence
- Opportunities for continuing professional development and mentoring.
- Access to research, innovation, and internal R&D initiatives.
- Collaboration opportunities with our international offices
- World-class projects with respected architects and collaborators
- A supportive environment that encourages career growth at all stages.

Please send us an email with your CV, covering letter and portfolio (or another creative way of showing examples of your work and skills), with subject line reference **EOC-LA-GE** to: [recruitment@eocengineers.com](mailto:recruitment@eocengineers.com)