

Job Title:	Graduate Facade Engineer – Los Angeles Office
Reports to:	Director
Job Purpose:	We require an enthusiastic graduate engineer with an architectural, structural, or environmental engineering background to support our LA office on projects

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 engineering or architecture, and preferably a relevant postgraduate degree
- 1+ years' proven experience in facade design and detailing in a consulting capacity from concept stage through execution
- Working knowledge of US standards and industry guidelines
- A rounded 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
- A collaborative approach
- Ability to work under pressure and to meet deadlines
- A strong interest in architecture, structural and facade engineering and building physics
- Good communication skills and experience of developing relationships with clients and external parties

RESPONSIBILITIES

- Working on several projects simultaneously working with the client, architect, and other engineering consultants to determine the best facade design outcomes.
- Leading projects, producing sketch, drawing and specification deliverables, coordinated with other parties and ensuring a high standard of work
- Representing Eckersley O'Callaghan at workshops, design team meetings and site meetings with our clients and collaborators
- Use awareness of new materials and methods in consideration of client solutions
- Carrying out site observations, factory visits, witnessing of mock-ups and testing, preparing technical reports
- Contributing to internal R&D initiatives and production of technical notes
- Developing relationships with clients and external industry bodies

PREFERRED ATTRIBUTES

- Working knowledge of digital design / modelling software
- Use of relevant design software, including structural analysis, building physics assessments, glass selection tools, and environmental analysis
- Experienced use of CAD software

- A keen interest in architecture and willingness to travel

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