

Graduate Engineer | Facades

Reports to: Facade 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, Vitsoe and Bulgari, 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, 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 Milan are looking for a facade engineer with a range of technical design expertise to work on the design on a variety of high-profile local and international projects. The applicant should have experience working in Italian and international projects at a range of scales and the ability to work independently and as part of a team.

We are looking for a candidate with the following

- A Masters level degree in facade engineering or building technology / Architecture
- Academic research or studies in facade design and detailing
- Good communication skills and collaborative approach
- Interest in detailed analytical design
- Good technical skills in simulation analysis and digital design
- A keen interest in buildings, architecture and a willingness to travel
- Subscription to Italian Orders of Engineers (and p.IVA)
- Proficiency in Italian and English

Key responsibilities

- Carry out facade design calculations (structural, thermal, etc), develop facade technical details
- Compile technical design reports
- Carry out site inspections, factory visits, witnessing of mock-ups and testing and preparing technical reports
- Contribute to production of technical development and R+D initiatives
- Desire to develop professionally, take on responsibility and contribute to the growth of the practice

Job knowledge, skills and experience

- A keen interest in architecture and design and the innovative integration of facade strategies
- General knowledge of facade systems and typologies
- Exposure to facade materials and technologies
- Working knowledge of structural analysis (FEM) software, thermal analysis and 3D modelling software (Rhino, Grasshopper, AutoCAD, etc) as well as hand-sketching
- Able to meet tight deadlines and work effectively with and within a team and independently
- Knowledge of sustainability in the built environment is preferable
- Parametric environmental design experience is preferable

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 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 EOC offices around the world
- World-class projects with leading architects and collaborators

**Please email your CV and a covering letter with subject line
'EOC-ITA-GEF' to: recruitment@eocengineers.com**