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Job Details

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Graduate Fire Consultant - Available 2020

Description

Graduate Fire Consultant - Available 2020

Start Here, Go Anywhere! Are you looking for an opportunity to shape a better world?

During your career at Arup, you'll have the chance to engage in a fulfilling career and work with some of the most highly respected engineers and specialists in the world. You'll also get the opportunity to work on exciting and significant projects, delivering quality work that has a positive and lasting influence on the community and the environment.

Our Los Angeles office is currently seeking a Graduate Fire Engineer to join our Fire team. In this position, you will work as part in a highly collaborative environment on a wide variety of projects, from small engineering problems to large multi-disciplinary projects with worldwide recognition. Be a part of a team that combines local insight with global best practice to deliver excellence in fire safety on projects. You will have the chance to have an immediate impact on providing solutions to meet the challenges of the many sectors we work in, including the rigorous standards of airports and railways to the distinct ambition of museums and cultural institutions.

Responsibilities of this specific role will include, but not be limited to the following:

- Immediately applying the skills and knowledge learned in college coursework to important real-world applications
- Assisting staff on a variety of projects, which may include fire/evacuation modeling, risk assessments, and code consulting
- Coordinating with multiple disciplines and working in conjunction with project managers to help complete assigned tasks
- Writing reports for internal and external purposes based on findings
- Presenting technical material for review by technical and non-technical audiences
- Understanding trends and best practices in the fire protection community, and applying this knowledge to projects and problems
- Participating in local professional associations

Qualifications

Required:

- Bachelor Degree in Fire Protection or enrolled in master's program
- 3.0 GPA or higher
- Candidate must not require sponsorship, now or in the future to be considered for this role
- Coursework in fire dynamics, building codes, and fire protection and/or alarm systems
- Minimum of 1 year of relevant experience in Fire Engineering Fundamentals
- EIT/FE desired
- The ability to work under pressure, prioritize effectively, manage deadlines, and exceptional organization skills required
- Strong interpersonal communication skills essential for team-based working
- Presentation skills

Preferred:

- Master's Degree in Fire Protection
- Coursework in Fire Dynamics, Evaluation, Building Codes, and Fire Protection Systems
- Internship experience with a design firm
- Experience with Computational Fluid Dynamics simulation software (Fire Dynamics Simulator, Fluent, or others) or evacuation software
- Programming skills (C++, Python, Javascript, etc...)
- Proven ability to perform in a deadline environment
- Past history of technical presentations and technical writing
- Evidence of personal investment in academic or extracurricular field

Notable Projects

Arup is the creative force at the heart of many of the world's most prominent projects across our industry. We offer a broad range of professional services to clients around the world that combine to make a real difference to our clients and the communities in which we work.

- Delta Sky Way at LAX
- USC Village
- LA Memorial Coliseum
- The Broad Museum
- LACMTA Crenshaw/LAX Transit Corridor

Benefits

Upon joining Arup your journey is likely to be varied and rewarding, giving you the opportunity to make a positive difference in the world. Outlined below are a few of the benefits Arup has to offer you as a FT employee of the firm:

- Global Profit Share - paid out bi-annually
- Personal Health Insurance
- 401(k) - with a dollar for dollar company match up to 10%
- Paid Time Off (PTO)
- Tuition reimbursement
- Professional Membership and Certification reimbursement
- Short Term and Long Term Assignment Career Opportunities around the Globe

Arup is an equal opportunity employer committed to a diverse and inclusive work environment where our people are encouraged to thrive.

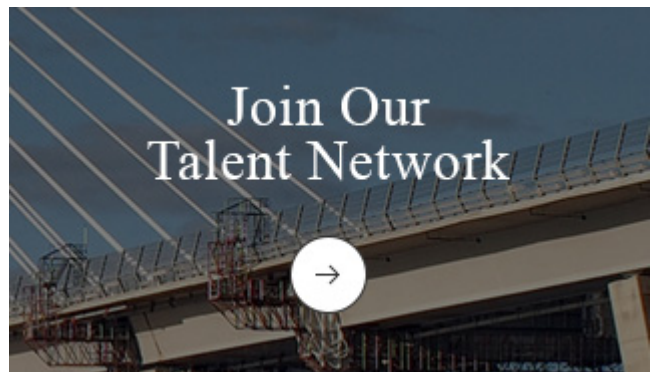
Job Number: LOS0000DT

Category: Fire Engineering

Location: Los Angeles, California

Date Posted: Feb. 5, 2020

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