

## Graduate Fire Engineer Positions Available in 2018



**Locations Available:** D.C, Boston, San Francisco

Start your career at Arup, listed in Engineering News Record as one of the top “Best Green Design Firms”, “Top Global Design Firms”, and featured on Fortune Magazine’s “Change the World” list of companies that are making the world a better place.

Arup is an independent engineering and consulting firm of 14,000 people in 42 countries around the world. Founded in 1946, we are the creative force at the heart of many of the world’s most prominent projects in the built environment, including the Sydney Opera House, the London Eye, and the Beijing National Stadium (aka the Bird’s Nest). Current North American projects include Fulton Street Transit Center in NYC, California High-Speed Rail, 2015 Pan Am Games stadiums in Toronto, and the Las Vegas Observation Wheel.

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.

**We are seeking Graduate Fire Engineers for 2018. As a Graduate Fire Consultant, you will learn and apply the following:**

- Develop portions of fire and life safety strategies
- Complete conceptual emergency evacuation and smoke management calculations
- Review drawings for conformance to the fire and life safety strategy
- Assist with the development of fire and evacuation simulations
- Assist with the development of structural fire calculations
- Assist senior engineers to help clients to incorporate fire and life safety strategy concepts into the design
- Attend meetings and learn from listening, asking questions and discussion

### **Qualifications:**

- Bachelor Degree in Fire Protection
- 3.0 GPA or higher
- Professional demeanor
- Excellent written and verbal communication skills
- Skills in planning and organizing
- Attitude of taking initiative, enthusiasm, eagerness to learn

### **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
- 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

Graduates become an essential part of the delivery team. In addition, we would provide you with excellent benefits, extensive training programs, and career mobility options.

Arup is proud to be an equal opportunity employer.

Please apply via <https://arupjobs.taleo.net/careersection/grad/jobsearch.ftl?lang=en>

D.C. (WAS00001E)  
Boston (BOS00003Q)  
San Francisco (SAN00008I)