

## Fire Engineering Intern Positions Available in 2018

**Locations Available:** D.C, Boston, NYC, San Francisco, Los Angeles

Start your career at Arup, 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 internship at Arup, you'll have the chance to 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 Fire Engineering Interns for 2018. As a Fire Engineering Intern, 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:**

- Currently Pursuing a Bachelor's 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

Arup is proud to be an equal opportunity employer.

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

D.C. (WAS00001O)

Boston (BOS00003V)

NYC (NEW0000EL)

San Francisco (SAN00008T)

Los Angeles (LOS00007H)