

Fire Engineering Intern (Available June 2026) in Washington, Dist Of Columbia, United States

See it differently

You see the world through a unique lens and that's exactly what we need. We embrace how you see things differently – it's essential for creating a sustainable future.

Arup is a global consultancy with advisory and technical expertise across more than 150 disciplines. We guide, plan and design the future of the built environment. Globally, each year we recruit hundreds of interns to help us see things differently and solve the most complex challenges facing our clients, climate and communities.

The Opportunity

- Provide consulting for life safety, building, and fire code compliance
- Contribute to the development of prescriptive and performance-based design strategies.
- Assist senior engineers to help clients to incorporate fire and life safety strategy concepts into the design and review drawings for conformance with the agreed strategy
- Assist with development of fire alarm, detection, and fire suppression systems design documents
- Assist senior engineers on project site visits and communicate with architects, contractors and consulting teams
- Participate in internal team meetings and external client meetings
- Adapt to working with multiple teams, across multiple offices in a multi-discipline environment
- Perform smoke control analysis
- Assist with fire modeling
- Assist with dynamic egress modeling
- Assist with the development of structural fire calculations
- Assist with the development of fire safety strategies for special hazards

Is this role right for you?

Required:

- Pursuing a Bachelor's Degree in Fire Protection, Mechanical, Chemical or Civil Engineering
- Professional demeanor

- Excellent written and verbal communication skills
- Skills in planning and organizing
- Attitude of taking initiative, enthusiasm, eagerness to learn
- Candidate must be eligible to work in the US without the need for employer sponsored work authorization now or in the future to be considered for this role

We're looking for:

- **Changemakers:** A passion for sustainable development and creating a better world is key.
- **Innovative minds:** We're looking for critical thinkers who embrace new ideas and challenge the status quo.
- **Growth seekers:** You have a growth mindset, always eager to learn and explore new ways of working.
- **Adaptable adventurers:** You're ready to take on any challenge that comes your way.

What we offer you

At Arup, we care about each member's success, so we can grow together.

Our intern experience offers you:

- **Purpose-driven work:** Join an employee-owned team tackling climate, biodiversity, and social challenges, aligned with the UN's Sustainable Development Goals.
- **Create remarkable outcomes:** We trust you to explore challenges, drive change, and create lasting outcomes for our clients, climate and communities.
- **Inclusive culture:** Your unique perspective matters. We celebrate diversity and foster a supportive, social environment where everyone belongs.
- **Career growth:** Grow your skills through innovative projects, training, and mentoring in a supportive environment. We invest in your future.
- **Work-life balance:** Our hybrid model offers flexibility to balance work with your life. We balance your needs with our clients and communities

Washington D.C. Hiring Range - The good faith base salary hiring range for this job if performed in New York City, NY is \$24.00 to \$36.00 per hour. Please note hiring ranges for candidates performing work outside of New York City, NY will differ.

New York City Hiring Range - The good faith base salary hiring range for this job if performed in New York City, NY is \$26.50 to \$38.00 per hour. Please note hiring ranges for candidates performing work outside of New York City, NY will differ.

Boston Hiring Range - The good faith base salary hiring range for this job if performed in Boston, MA is \$24.00 to \$36.00 per hour. Please note hiring ranges for candidates performing work outside of Boston, MA will differ.

Next Steps

We will be reviewing our candidates for this position on a rolling basis. Once you've submitted your application, we'll invite you to showcase your skills through a pre-recorded video interview if you've met the minimum requirements. After reviewing your submission, a member of our team will get in touch with you to discuss the next steps.

Arup is an equal opportunity employer. All qualified applicants will receive consideration without regard to race, color, religion, sex, sexual orientation, gender identity, national origin, protected veteran status, spouse of a protected veteran, or disability.

Stay safe online. Recruitment fraud is on the rise, and Arup's name, logo, and branding have been used in fraudulent job advertisements. Arup will never ask for bank information as part of our recruitment process.

Different people, shared values

Arup is an equal opportunity employer that actively promotes and nurtures a diverse and inclusive workforce. We welcome applications from individuals of all backgrounds, regardless of age (within legal limits), gender identity or expression, marital status, disability, neurotype or mental health, race or ethnicity, faith or belief, sexual orientation, socioeconomic background, and whether you're pregnant or on family leave. We are an open environment that embraces diverse experiences, perspectives, and ideas – this drives our excellence.

Guided by our values and alignment with the UN Sustainable Development Goals, we create and contribute to equitable spaces and systems, while cultivating a sense of belonging for all. Our internal employee networks support our inclusive culture: from race, ethnicity and cross-cultural working to gender equity and LGBTQ+ and disability inclusion – we aim to create a space for you to express yourself and make a positive difference. Discover more about life at Arup at www.arup.com/careers/your-life-at-arup.

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