Job Title: 2022 Student Internship (U.S.) - Fire Protection Engineer

Requisition ID 249203 - Posted - Engineering - Multiple Business Lines

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Overview
Bechtel has a long tradition of technical and engineering excellence in supporting multiple industries. Bechtel's internship program was created to cultivate real-life industry interest based on hands-on experience. Many new university graduate hires began their careers at Bechtel as a student intern.

Fire Protection Engineering Interns work in multidisciplinary teams and provide support to some of the most vital aspects of a project: plant equipment, piping, control systems, regulatory compliance, and life safety.

The total number of interns and start dates are subject to workload and business conditions. Locations will vary based on project needs, and may include Houston, TX or Reston, VA, along with various project sites.

General Job Duties
Fire Protection Engineering interns may be responsible for:
- selecting and specifying equipment
- preparing detailed system piping and instrumentation diagrams
- performing system and equipment sizing calculations
- establishing facility design requirements and developing the system safety basis
- providing consulting and code interpretations to interfacing disciplines
- supporting the development and/or maintenance of fire hazards analyses or fire protection design analyses
- reviewing supplier and subcontractor designs and installations

Basic Qualifications
- Currently enrolled in a four-year Bachelor of Science degree program in Fire Protection Engineering at an accredited college or university
- Completed at least one year of undergraduate studies in the above field
- Ability and willingness to relocate and/or travel to domestic and/or international project jobsites
- Possess the eligibility to work and remain in the US without visa sponsorship, now or in the future
- Must be able to pass pre-employment drug screen and background check

Preferred Qualifications
- Currently enrolled in a Master of Science degree program in Fire Protection Engineering at an accredited college or university
- Completed relevant coursework with a strong GPA
- Prior co-op or internship experience
- Excellent written and oral communication skills

Shaping tomorrow together
Bechtel is one of the most respected global engineering, construction, and project management companies. Together with our customers, we deliver landmark projects that foster long-term progress and economic growth. Since 1898, we’ve completed more than 25,000 extraordinary projects across 160 countries on all seven continents. We operate through four global businesses: Infrastructure; Nuclear, Security & Environmental; Energy; and Mining & Metals. Our company and our culture are built on more than a century of leadership and a relentless adherence to our values, the core of which are safety, quality, ethics, and integrity. These values are what we believe, what we expect, what we deliver, and what we live.

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In accordance with Bechtel's duty to provide and maintain a safe workplace for our employees and to safeguard the health of our families, customers, and visitors, we have adopted mandatory COVID-19 safety protocols for each work location, which may include a vaccination or testing requirement. Please speak with your Bechtel recruiter to determine which protocols apply to the work location for the job you are seeking.