

Job Title: Fire Protection Engineer Intern, Federal - Kansas City - Summer 2023

At Black & Veatch, our employee-owners go beyond the project. For over a century, we have been breaking down social, economic and geographic barriers by making life's critical resources accessible to all. Working with us, you will help provide critical expertise as we, along with our valued clients, deliver solutions that positively impact communities around the world. Our professionals are our greatest asset, and we believe nothing is more important than the health, happiness and professional growth of our employee-owners. With a focus on flexible work-life balance options, an expanding and diverse workforce, and limitless career growth opportunities, we will give you our best to help you give us your best, and together we can build a world of difference.

Company : B&V Special Projects Corp.

Opportunity Type : College Intern

Relocation eligible : Yes

Full time/Part time : Full-Time

Project Only Hire : No

Visa Sponsorship Available: No

Job Summary

The Fire Protection Engineer Intern is responsible for the assisting in the successful execution of fire protection design on Federal government projects for both general AE projects and critical facilities. Projects can be design-build or design-bid-build and new or renovation. Utilizes knowledge and skill set to review, analyze, and provide solutions for fire suppression, fire detection, life safety, and alarm and mass notification systems. Collaborates with other disciplines and clients to provide coordinated construction documents.

Summer Internship Program is designed to provide the following to students:

- Experience in a working environment
- Meaningful work assignments
- Introduction to Black & Veatch corporate culture
- Chance to network with experienced executives and leadership

Key Responsibilities

- Develop, evaluate, and design specifications and contract drawings
- Perform variety of tasks to support engineering analyses, report production, and designs
- Prepare basic calculations
- Assist in basic equipment selection

- Coordinate with other disciplines
- Schedule project deliverables
- Collect, organize, and evaluate data
- Analyze systems utilizing computer modeling
- Organize and file project materials and references

Management Responsibilities

Individual Contributor

Preferred Qualifications

Preferred Skills:

- Analytical skills
- Communications skills, both written and oral
- Initiative
- Self starter, highly motivated
- Attention to detail
- Interpersonal skills
- Mathematical skills
- Problem solving skills
- Computer skills
- US Citizen

Minimum Qualifications

No experience required. Current enrollment in ABET accredited university in Mechanical Engineering program. All applicants must be able to complete pre-employment onboarding requirements (if selected) which may include any/all of the following: criminal/civil background check, drug screen, and motor vehicle records search, in compliance with any applicable laws and regulations.

Certifications

Work Environment/Physical Demands

Normal office environment

Competencies

Salary Plan

ENG: Engineering

Job Grade

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Black & Veatch is committed to being an employer of choice by creating a valuable work experience that keeps our people engaged, productive, safe and healthy.

Our comprehensive benefits portfolio is a key component of this commitment and offers an array of health care benefits including but not limited to medical, dental and vision insurances along with disability and a robust wellness program.

To support a healthy work-life balance, we offer flexible work schedules, paid vacation and holiday time, sick time, and dependent sick time.

A variety of additional benefits are available to our professionals, including a company-matched 401k plan, adoption reimbursement, tuition reimbursement, vendor discounts, an employment referral program, AD&D insurance, pre-taxed accounts, voluntary legal plan and the B&V Credit Union. Professionals may also be eligible for a performance-based bonus program.

We are proud to be a 100 percent ESOP-owned company. As employee-owners, our professionals are empowered to drive not only their personal growth, but the company's long-term achievements - and they share in the financial rewards of the success through stock ownership.

By valuing diverse voices and perspectives, we cultivate an authentically inclusive environment for professionals and are able to provide innovative and effective solutions for clients.

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