Summer 2022- Fire Protection Engineering Intern - 90305305 - Philadelphia

**Date:** Feb 11, 2022

**Location:** Philadelphia, PA, US, 19104

**Company:** Amtrak

**Your success is a train ride away.**

Amtrak connects businesses and communities across the country and we move America’s workforce toward the future. We employ more than 20,000 diverse, energetic professionals in a variety of career fields throughout the United States. The safety of our passengers, our employees, the public and our operating environment is our priority and the success of our railroad is the result of our employees.

**Are you ready to join our team?**

**SUMMARY:**
Under the direct supervision of the Senior Principal Engineer, Fire and Life Safety, this position provides office and field support for Amtrak Fire and Life Safety projects. Provides technical, logistical and administrative support to the Senior Fire & Life Safety staff for the efficient and cost effective management of Structures/Facilities design and construction projects.

**ESSENTIAL FUNCTIONS:**
- Ensures all structures/facilities projects are initiated using the department’s guidelines and structures/facilities design and construction programs support existing scope, schedule and budget.
- Conduct plan examination for both internal and third-party projects that will impact Amtrak infrastructure.
- Provide life safety and fire protection support to Amtrak Operations.

**MINIMUM QUALIFICATIONS:**
- Must be actively pursuing a degree at an accredited educational institution.
- Must be actively pursuing an undergraduate degree in Fire Protection Engineering, Civil Engineering or Mechanical Engineering
- Must have at least 1 year of academic undergraduate studies completed or a sophomore status at minimum.
- Must have a cumulative GPA of 2.8 or higher
- Basic knowledge of a variety of computer software applications in word processing, spreadsheets and database software.
- Must become qualified in RWP and AMT2

**PREFERRED QUALIFICATIONS:**
- 2-years experience in Fire Protection Engineering
- Experience in using Microstation CADD software and Microsoft Office Suite.
- Candidate must be in good physical condition and pass a pre-employment physical exam
- Excellent written and verbal communication skills
- Prior satisfactory job performance.
**COMMUNICATION AND INTERPERSONAL SKILLS:**
Must have excellent oral and written communication skills

`Requisition ID:` 76967

**Posting Location(s):** Pennsylvania

**Job Family/Function:** Engineering

**Relocation Offered:** No

**Travel Requirements:** None

Amtrak employees power our progress through their performance.

We want your work at Amtrak to be more than a job – we want it to be a fulfilling experience where you find challenging and rewarding opportunities, respect among colleagues, competitive pay, benefits that protect you and your family and a high performance culture that recognizes and values your contributions and helps you reach your career goals.

All positions require pre-employment background check verification, a pre-employment drug screen and proof of full vaccination against COVID-19. Amtrak is committed to a safe workplace free of drugs and alcohol and performs pre-employment substance abuse testing. Marijuana, notwithstanding any statute, ordinance, regulation, or other law that legalizes or decriminalizes the use or possession of marijuana, whether for medical, recreational, or other use. Candidates who engage in the usage of marijuana will not be qualified for hire. Successful applicants for employment with Amtrak must be fully vaccinated against COVID-19 by the date of hire as a condition of employment, subject to requests for accommodation. Fully vaccinated means 14 days have elapsed since receiving the second dose of the Pfizer or Moderna vaccine or 14 days since receiving the Johnson & Johnson vaccine.

In accordance with DOT regulations (49 CFR § 40.25), Amtrak is required to obtain prior drug and alcohol testing records for applicants/employees intending to perform safety-sensitive duties for covered Department of Transportation positions. If an applicant/employee refuses to provide written consent for Amtrak to obtain these records, the individual will not be permitted to perform safety-sensitive functions.

Note that any education requirement listed above may be deemed satisfied if you have an equivalent combination of education, training and experience.

Amtrak is an EOE/Affirmative Action Minority/Female employer, and we welcome all to apply. We consider candidates regardless of race/color, religion, sex (including pregnancy, childbirth and related conditions), national origin/ethnicity, age, disability (intellectual, mental and physical), veteran status, marital status, ancestry, sexual orientation, gender identity and gender expression, genetic information, citizenship or any other personal characteristics protected by law.