



## Overview

For over 36 years Arora has specialized in providing engineering and technology services tailored for clients in a variety of market sectors. Our team continuously looks forward and works relentlessly to supply intelligent infrastructure solutions to all that we serve. Understanding our clients' current and future needs and challenges is what drives us.

Arora has been serving the aviation industry for decades, designing billions of dollars of construction for airside and landside facilities at over 85 airports, including Philadelphia International Airport, John F. Kennedy International Airport, Los Angeles International Airport, Boston Logan International Airport, Dallas/Fort Worth International Airport, and more.

Arora also has extensive experience in transportation infrastructures - their planning, design, construction, maintenance, and security. We have provided expert engineering and construction phase services for clients including Amtrak, Massachusetts Bay Transportation Authority, Port Authority of NY & NJ, Southeastern Pennsylvania Transportation Authority, Washington Metropolitan Area Transit Authority, and more.

Arora has also been the recipient of several prestigious awards and honors. Arora was also thrilled to place 17th out of the over 100,000 fastest-growing companies on the Zweig Group's 2021 Hot Firm List, demonstrating the firm's growth and continued progress.

## Life At Arora

At Arora we work hard, but we also take time to have fun. We hold several events throughout the year to celebrate our personal and professional successes. Arora also sponsors and participates in numerous charitable events throughout the year. We encourage our staff to contribute to philanthropic efforts that make a difference to our local and national communities.

At Arora, we strive to create a sense of belonging amongst our employees, which we believe leads to greater employee engagement. Arora's growth and success would not be possible without its greatest asset – our talented staff.



## Job Description

| Fire/Life Safety Engineering Intern |        |             |                  |
|-------------------------------------|--------|-------------|------------------|
| Level of needed supervision:        | High   | Supervisor: | Chase Miller     |
| Level of Independent judgment:      | Low    | Status:     |                  |
| Region:                             | CF/NYC | Practice:   | Fire/Life Safety |

### Overall Responsibility:

We are seeking Fire/Life Safety Engineering Intern for our office in New York, NY or Chadds Ford, PA! The candidate shall support the fire/life safety (FLS) team in executing Arora’s mission of *“Improving the quality of life by Rethinking Infrastructure”* through this internship opportunity. They shall support Arora’s licensed Fire Protection Engineers and NICET certified designers in their everyday objective of meeting the client’s needs. The candidate shall demonstrate strong communication skills, an analytical approach to problem solving, a curiosity to learn, and passion for the fire/life safety profession.

### Essential Functions:

- Learn and apply the basic principles of FLS engineering to real-world projects.
- Support the FLS team in the development and delivery of high-quality engineering design documents to clients.
- Participate in project meetings with engineers, clients, and authorities having jurisdiction.
- Learn and develop basic engineering contract documents including technical reports, drawings, specifications, and calculations.
- Learn and develop AutoCAD and Revit drafting skills
- Assist in analyzing codes and standards.
- Assist in the performance of water-based fire protection and fire alarm calculations.
- Assist in the selection and specification of products.
- Exercise responsible and ethical judgment in the execution of daily tasks
- Perform additional functions as required by business needs.

### Needed Skills:

- Genuine interest in developing real-world experience in the design of water-based fire protection and fire alarm systems.
- General familiarity with NFPA codes and standards
- General familiarity with model building codes
- General familiarity with AutoCAD and Revit computer aided drafting software



- Experience with Microsoft Office Suite and Bluebeam/Adobe software
- Ability to analyze technical problems in a methodical and detail-oriented manner.
- Ability to collaborate with team members in both in-person and virtual settings.
- Ability to communicate technical concepts in both verbal and written format.
- Ability to create and maintain productive relationships with employees, clients, and vendors.

**Education/Experience Minimum:** Currently enrolled in a Fire Protection Engineering or Engineering Technology undergraduate program at an accredited university, preferably a junior level status.

**Equipment, Physical Activity, Physical, Visual Acuity Requirements:** See attached ADA Job Requirement Supplemental Checklist

**Work Environment Descriptions:** See attached ADA job Requirement Supplemental Checklist

**Work Location:** Candidate may choose to be located in either Arora’s Chadds Ford, PA or New York, NY office.

| SIGNATURES                                          |                         |             |
|-----------------------------------------------------|-------------------------|-------------|
| <i>Supervisor Signature – Reviewed and Approved</i> | <i>Supervisor Title</i> | <i>Date</i> |
|                                                     |                         |             |
| <i>Employee</i>                                     | <i>Supervisor Title</i> | <i>Date</i> |

