ENGINEERING INTERNSHIP POSITION – FIRE PROTECTION / MECHANICAL ENGINEER

Announcement Date – February 2, 2022

- Immediate need for a motivated student intern to support Fire Solutions Group, LLC.
- Company located in York, PA. Remote / hybrid work possible depending on candidate.
- Minimum duration of internship – 4-6 months.
- 20-40 hours per week – negotiable.
- U.S. Citizenship required due to security requirements for primary consulting project.
- To apply, send us your resume, and contact us to schedule a Zoom interview:
  - Mike Ferreira – COO, Fire Solutions Group
  - mferreira@firesolutionsgroup.com

Job Description:

The successful candidate will support a wide variety of engineering and technical work for a small company that performs engineering consulting work and develops unique commercial software. This is your opportunity to get in the door at the ground floor and help our company grow! Why do the ordinary when you can take the road less traveled?

Immediate responsibilities will include supporting a large modeling project for a large prominent public facility focusing on building airflow modeling and contaminant dispersal. Desired skills are listed below but training will be provided as necessary. Additional work may involve support of other fire protection consulting projects for industrial facilities and fire testing support.

Fire Solutions Group, doing business as Vision Solutions AR, is also developing unique augmented reality software products. Home Vision AR (www.homevisionar.com) was recently released on the Apple App Store, and Fire Vision AR (www.firevisionar.com) is under development, with a decision on a large government support grant expected in May, 2022. Depending on the candidate’s interest, opportunities may also to exist to participate in the development of these products.

Please Contact Us If:

- You are excited about getting in on the ground floor of a unique start-up company specializing in both consulting and software development.
- You are a self-motivated person and hard worker and have the ability to focus to get work done independently.
- You want to experience working at a small company with a start-up culture and mindset that values hard work but also seeks to maintain a fun and rewarding work environment.
- You have an engineering or other technical background related to fire protection engineering, mechanical engineering, building HVAC design or otherwise have interest in these fields.
- You are curious about software product development and what it takes to develop a product from an idea to a successful commercial launch.
Desired Skill Sets

(not required to be a successful candidate, but pertinent to potential responsibilities)

- CONTAM building airflow modeling experience.
- Ability to read and understand engineering drawings.
- HVAC system knowledge / experience.
- REVIT / Autocad experience.
- Bluebeam software familiarity / use.
- Basic Microsoft Word / Excel experience.
- Other modeling experience (FDS / Pathfinder).
- Software development / programming experience (Visual Basic, C+, other)