POSITION PROFILE

TITLE: Summer Internship, May to August 2022

DEPARTMENT/LOCATION: FM Global, Research Division, Norwood, Massachusetts

DATE: 04/05/22

Responsibilities
The purpose of this position is to conduct experiments and data analysis in the area of Lithium-ion battery flammability research under supervision of research scientists.

The job responsibilities include:

- Follow experimental procedures to obtain accurate and reliable data for scientific analysis
- Maintain and calibrate test equipment; troubleshoot and as necessary take corrective action to repair test equipment
- Communicate test results to research scientists with preliminary data analysis
- Work with research scientists, develop numerical model to model the experimental data

Qualifications
Junior/senior undergraduates, or graduate students in Mechanical Engineering, Chemical Engineering, Fire Protection Engineering, Material Science, or related fields.

- Good understanding of mechanical and electrical principles necessary to conduct scientific experiment
- Capable of conducting hands-on laboratory tasks with minimal supervision
- Capable of designing and fabricating test apparatus with minimum training
- Computer literacy - MS Office and data acquisition software, programing using Python or Matlab
- Knowledge of personal and area safety in the working environment
- Good written and verbal communication skills
- Demonstrated history of strong performance of teamwork
- Demonstrated ability of providing innovative solutions to challenging problems is highly desirable

Salary are commensurate with qualifications and experience.

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