



2790 Skypark Dr, Suite 310 • Torrance, CA. 90505 • (310) 530-1008 • (310) 530-8383 Fax

Job Opening

Project Engineer

ACTA is a growing engineering risk management company and is the leading contractor for space and rocket launch safety in the United States. We provide analysis, modeling and engineering support for the space, defense, antiterror, aeronautical, and petrochemical industries. We solve complex engineering problems using state-of-the art numerical and simulation models and develop specialized software to characterize complex phenomena. ACTA has offices in Torrance, CA and Lompoc, CA. (Learn more about us at www.actainc.com)

We are looking for a Project Engineer to join our team in setting the standards for launch and space safety. You will perform quantitative safety and risk analyses of space vehicle missions and ground systems due to potential accidents. This role involves evaluating data received, performing analyses with custom software, improving physics-based models, and preparing documents and briefings to explain results, and may involve on-site support of missions. The successful candidate will possess the ability learn quickly and adapt to new challenges.

Requirements

- Experience in modeling real-world physical scenarios with software.
- Strong oral and written communication skills. Ability to communicate with non-technical decision makers and technical specialists.
- Bachelor's degree in engineering or physical sciences (Master's degree a plus).
- U.S. citizen
- Applicant selected for employment will be subject to a Federal background investigation

Subject matter knowledge

A background in physical modeling and numerical methods/statistics is required, aerospace preferred. Knowledge of modeling propagation and effects of blast, toxic gas, or fire hazards is a plus. Experience with range operations or related disciplines is a plus.

Technical skills

Experience in programming (e.g., C/C++/C#), scripting (e.g. Python, Linux/Unix shells, macros), or geographic data processing (GIS tools) is strongly desired.

To apply

Send cover letter and resume to: acta_torrance@actainc.com