

## Job specification for FE Analyst / Engineer

### General

The position is expected to be permanent, full time (37.5 hours per week), and be based at the AES office on the Isle of Wight. It may be required to work from clients' offices from time-to-time.

### The role

This role will involve day-to-day duties such as:

- General engineering of structures;
  - composite
  - metallic
- Analysis of structures (stress analysis) and the reporting/presentation of calculations
- Preparation of engineering reports and presentations to clients/colleagues. Stress reports suitable for certification purposes
- FEA benchmarking with test data
- Visiting clients, with other members of AES.
- Providing assistance on timescales and quotes for engineering work.
- Creating engineering objective and method statements/proposals for quotes
- Attending relevant trade shows/seminars to keep up-to-date with technologies and companies offering similar services.
- Learn and gain experience with FEA and engineering/systems using software to help prepare & solve models for engineering reporting (e.g. solid models from surface scan data etc.)
- Manage clients and projects within the company

### Experience and qualifications

- University graduate or accredited apprenticeship scheme background
- Ideally 3 years' experience within a technical role
  - Stress analysis of structures
  - Familiar with FEA techniques
  - Currently we use ANSYS (However all platforms considered)
- competence with
  - draughting in 2D
  - 3D modelling
- Some design experience within an engineering environment and ability to create 2D technical drawings.
- Familiar with 3D CAD systems, and preferably surface modelling. (We currently use SolidWorks, but other software will be considered.)

## Person profile

- Computer literate
- Willing to travel
- Organised
- Enthusiastic
- Work in a team
- Help develop and grow the business (and their role within it)
- Some engineering & design experience
- Familiar with computer/CAD/FEA environment
- Interested in working in a variety of industries on several projects

## Package

- Competitive salary based on experience.
- 24 days holiday per year.
- Thriving environment
- Opportunity to make your mark
- Financial backing
- Training and professional mentoring

## Timescales:

- Applications for this role are considered year round, and we're always looking to expand the team for the right people.
- We aim to hold interviews within two weeks of receiving CVs.

## Further details:

Please contact us for further information regarding the role, or send your CV directly to [info@aesolutions-ltd.com](mailto:info@aesolutions-ltd.com) with a short covering letter.

No Agency enquiries. Thank you.