



Job Title: Engineer of Lightweight Structure

Start date: 3rd Oct 2016.

Job Description

A Structural Engineer is required in Edinburgh (UK) with expertise in FE Analysis and composite material design, a good understanding of aerodynamics and fluid-structure interaction.

Candidates must have good attitude to carry out challenging tasks and be flexible with good communication skills.

Key responsibilities

- As part of the ACT Blade R&D team, the engineer will be responsible for:
 - Performing structural analysis using established tools
 - to influence design decisions
 - to demonstrate structural integrity against product requirements
 - to analyse structure failure
 - Look to increase efficiency of structure
 - Communicate effectively with colleagues and clients (internal and external)
 - Ensure projects are delivered to client's standards to cost and budget
- Be able to make decisions and solve problems (problem solving and decision making ability)
- Works under supervision but uses initiative

Basic Requirements

- Bachelor's degree (BA/BS) from a 5-years university or MSc equivalent in Mechanical/ Aerospace/ Material Engineering.
- A minimum of two years of working experience using 3D CAD and FE-Analysis tools, Non-Linear analysis
- Some experience with the analysis of composite materials and Composite Structures
- Must be fluent in English and able to write reports
- Ability to integrate in a dynamically evolving team

Preferred requirements

- Composite structure design for light and flexible structures
- Structural Dynamics
- Aero-structure interaction
- Wind turbine blade design

Note: This position may be filled at a lower level.

To apply, please send your CV to Dr. Sabrina Malpede s.malpede@actblade.com.