

Vacancy: Wind Turbine - Electrical Design Engineer

Company description:

Adventure Power (PTY) Ltd develops, manufactures and commissions 300kW wind turbines. Adventure Power has become the first manufacturing facility of medium scale wind turbines on the African continent. The AP300 direct drive, permanent magnet wind turbine was designed at the Adventure Power facility in South Africa.

Details:

Position: Electrical Engineer
Location: East London, South Africa
Start Date: January 2017
Qualification: BEng/BSc (MEng/MScEng) Electrical Engineering
Employment type: Full-time

Job description:

The candidate will work as part of a dynamic design team at the manufacturing facility in East London, South Africa.

The candidate will perform electrical design of wind turbine generators, control systems and SCADA systems.

The tasks include initial design brainstorming, detailed design, optimisation and analysis, design specifications for the manufacture of the components and final assessment of the components in the manufacturing and assembly process.

Candidates should show strong aptitude towards programming and the use of optimisation software.

Desired skills and expertise:

- Graduate (or 1 to 2 years experience)
- Finite element analysis experience
- Generator design and optimisation
- Control system design and optimisation
- Power electronics
- Final year project or master degree research in generator design or power electronics

Send your curriculum vitae to:

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