



Engineering Analyst in grid-scale Energy Storage Innovation: Gravitricity Ltd, Edinburgh

Gravitricity are an early stage company developing a novel mechanical energy storage system. This is crucial technology to decarbonising our energy systems. During 2020 we will design and build a 250 kW demonstrator system as well as progressing the design of our full-scale technology. As the complexity of our projects builds, we need dynamic engineers to drive forward the development of this innovative technology.

Job Brief

We are looking for an Engineering Analyst to play a key role in our small team.

We are looking to recruit a multi-disciplinary, versatile engineering analyst. A mechanical engineering or electrical engineering background could both provide the strong engineering foundation required. This will be a challenging and rewarding role that will require you to span a range of interesting analysis, modelling, testing and systems engineering areas. This could suit someone with experience in industry in a similar role or coming from academia with industrial connections, but we are open to any background with the right skills. The right person will be very self-driven to work proactively across several areas of the technology, be able to learn fast and be comfortable working outside of their core expertise. An innovative, entrepreneurial attitude is also crucial.

Essential Requirements

- Excellent understanding of engineering first principles, ideally with some appreciation spanning both mechanical and electrical engineering
- Proven record of finding creative methods to explore complex analytical problems
- MEng in Mechanical Engineering, Electrical engineering or other suitable science background

Beneficial Skills

- High level of MATLAB and Simulink proficiency
- Systems engineering experience within industry
- Understanding of power systems, how they operate, how they are changing and the role that storage plays
- Experience of contributing to electrical or mechanical design work

Benefits

- Chance to make a significant impact within a small and dynamic company developing a technology vital for the global energy transition.
- Competitive salary dependent on experience
- Modern, flexible company: all staff given option to work 4-day week (pro rata)
- 5% employer pension contribution
- EMI options scheme

Application

We are a small company, actively building a diverse and passionate team, and encourage anybody with enthusiasm and know-how to apply, irrespective of your background.

In order to apply please send a CV and a cover letter, explaining why you would be motivated to work with us to miles.franklin@gravitricity.com