

# **Tom Eagle BEng**

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## **Key information**

- 1<sup>st</sup> class degree Mechanical Engineering BEng
- Currently studying part time MSc in renewable energy at CAT, Machynlleth, with a particular interest in wind power
- WindFarmer – trained by DNV GL
- Highly IT literate with MS Office and programming languages C and HTML, also experience of AutoCAD
- High level of numeracy, have achieved 95 percentile in competency tests.
- Tendering skills through providing quotes for customers of property business.
- Practical aptitude with mechanical and electrical systems. Attained certification to BS7671 for electrical installations.

## **Personal Profile**

Mature Mechanical Engineering Graduate with 7 years proven capabilities in successfully managing own property services business and experience of consistently providing excellent customer service, delivering projects on time and on budget.

Passionate about sustainability and renewable energy with a particular interest in wind power. Currently working for a sustainable building company while studying on an MSc course in renewable energy. Looking for an opportunity to join the wind power industry.

Possesses advanced problem-solving and fault finding skills, allied to sound practical judgement and has a track record of effectively working in the field. Has an affinity with IT and other technology and excellent numeracy and literacy, enabling effective and efficient record keeping and administration.

## **Qualifications**

- Renewable Energy and the Built Environment MSc at CAT, Machynlleth. Experience of wind farm constraint mapping, using WindFarmer, and have gained valuable knowledge of feasibility studies, environment impact assessment and energy generation forecasting
- 1st class honours Mechanical Engineering UMIST (2000)
- A levels - Maths (A), Physics (A), Gen Studies (A), Geography (C) 1997

## **Employment History**

**Project assistant, EcoVert Solutions**

**Oct 2012 to present**

EcoVert provides energy efficient solutions to problems in modern and period properties, using natural materials where appropriate to insulate and air-tight the building envelope.

My role is to assist in planning and executing refurbishments to ensure projects are finished to a high standard, on time and on budget.

**National Trust Environment Volunteer -**

**March 2012 – March 2013**

In the role of environment volunteer, I worked with the environmental practice advisers in Wales. The projects that I was involved in were: assessing the NT's holiday properties for energy efficiency, and creating a solar and human-powered mobile generator for the trust to promote their environmental work.

**Owner/Manager, Eagle Property Services – Chester**

**April 2005 – October 2012**

Responsible for managing and carrying out property maintenance/development contracts. These range from minor repairs and mechanical/electrical installations to full property refurbishment. Services provided include kitchen and bathroom renovation, plumbing and mechanical, electrical work, joinery.

**Accomplishments**

**Eagle Property Services**

- Set up own property maintenance company and managed contracts for property renovations valued up to £55,000. Maintained business through difficult period in the construction industry.
- Sourced, planned and coordinated groups of tradespeople to fully meet the project criteria.
- Learned and used MS FrontPage software to create a website to promote property company.
- Achieved certification under BS7671: requirements for electrical installations (16th edition).

**Teaching/tutoring**

- Coached several secondary school pupils to successful GCSE and A level results.
- Taught GCSE science to secondary school pupils as part of PGCE course.

**University**

- Achieved first class honours degree in Mechanical Engineering from one of UK's top institutions.
- Award for outstanding results in fluid mechanics and thermodynamics at University (> 90% pass rate).
- Used word processing and spreadsheet software packages to produce many technical reports to a high standard.
- Learned programming language from scratch to develop material testing equipment for university dissertation.