

# Edward Friar

## Electrical Engineer

### SKILLS & COMPETENCIES

- Working to British/EU standards
- Assisting and instructing electricians and wiremen
- Strong decision-making skills
- Ability to prioritise and plan effectively
- Knowledge of building services
- Outstanding customer service and communication skills
- Excellent teamwork ability
- Time management
- Report writing
- Capable of reading or writing diagrams
- Proficient in mathematics and computer technology

### WORK EXPERIENCE

#### 2014 - present - Design Engineer, Boise Solutions

- Creating and managing project budgets that include materials, construction costs, and labour costs
- Maintaining electrical equipment and instruments to ensure safety and working equipment
- Analysed maps, conducted field surveys, and reviewed other data to identify and repair problems in power systems
- Performed regular calculations to ensure projects were executed correctly in terms of manufacturing and construction

#### 2011 - 2014 - Electrical Project Engineer, BE

- Oversaw projects to ensure they were executed to their deadline, budget, with the correct quality of work
- Designed electrical systems to work in connection with natural lighting, and increase efficiency of electrical energy
- Developed project programs to secure new equipment and perform major repairs when necessary
- Prepared technical drawings and topographical maps to ensure projects are fitted to regulations and client expectations

### EDUCATION

- **2008 - 2011** BEng (Hons) Electrical Engineering, 2:1, Manchester University
- **2006 - 2008** A Levels, Mathematics (A), Physics (B), Chemistry (B), Fullwood Sixth Form

### QUALIFICATIONS

- AMTECH Pro Design Software
- IEE 17th Edition Certificate
- NEBOSH
- First Aid



**A competent electrical engineer with an array of knowledge circling designing, developing and maintaining electrical systems and components to specifications, focusing on economy, safety, reliability, quality and sustainability. Exceptional troubleshooting skills, with an excellent understanding of electrical health and safety regulations. I have a consistent track record or completing projects from the point of concept, to implementation, testing, and handover. Looking for a new role that will challenge my skills.**

### Interests

Outdoor pursuits including hiking and rock climbing. Enjoy team sports including volleyball, badminton and handball. On weekends I currently volunteer at the local cat shelter when available.



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