

Robert Smith

Junior Electrical Engineer

CONTACT DETAILS

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PERSONAL STATEMENT

Junior Electrical Engineer with experience in power plant equipment maintenance and obsolesce projects, quality assurance, and technical documentation. Skilled in technical writing, inventory management, and a strong understanding of engineering mechanics, principles, and materials. Demonstrated communication, problem-solving, flexibility, and teamwork skills that optimize collaboration with the vendor to produce high-quality work.

WORK EXPERIENCE

Junior Electrical Engineer

ABC Corporation - August 2012 - November 2014

Responsibilities:

- Responsibilities include operating, maintaining and troubleshooting subsea digital systems, remote measuring units, various data acquisition systems, can bus network, fiber-optic communications, high-voltage, and battery systems, hydraulic systems, PLC & HMI systems, piezoelectric sensors, and transducer/stress sensors during operations of geological exploration.
- Performed analyses and provided interpretations regarding acquired geotechnical data.
- Regularly communicate with the client about project progression, safety implementation, non-conformance prevention, and provide concise descriptions of electrical operations and systems.
- Participated in exclusive, 40-day training at the corporate research & development facility in the Netherlands for a newly developed fiber-optic umbilical system, subsea power system, and digital control system.
- Designed and fabricated an RMU simulation fixture purposed for training and testing.
- Repaired and validated all equipment and systems returning from offshore operations in the lab/shop.
- Assisted in designing, purchasing, and schematic development for various electric systems.

Electrical Engineer Internship

ABC Corporation - May 2010 - August 2010

Responsibilities:

- Assisted in developing electrical power concepts for new or renovated high tech facilities.
- Assisted in developing single line diagrams to depict the electrical power system at a high level.
- Performed electrical calculations for power and lighting systems.
- Selected electrical devices for power, lighting, and special systems.
- Worked with other disciplines to ensure electrical and special systems designs are fully coordinated.
- Assisted in developing electrical and special systems design drawings

SKILLS

Power/Battery Management, SolidWorks 3D CAD, MATLAB, LabView, Control Systems, Digital And Electrical Design, Electric Motor Drive, Data Acquisition Systems, CadSoft EAGLE PCB

LANGUAGES

English (Native)
French (Professional)
Spanish (Professional)

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

Reference - 1 (Company Name)
Reference - 2 (Company Name)