

Robert Smith

Junior Electrical Engineer

CONTACT DETAILS

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Alabama
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www.website.com

PERSONAL STATEMENT

Junior Electrical Engineer with experience in power plant equipment maintenance and obsolescence 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.

SKILLS

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

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.

LANGUAGES

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

INTERESTS

Climbing
Snowboarding
Cooking
Reading

REFERENCES

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

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

from concept through detailed design.

- Developed electrical construction specifications.

Education

Bachelor Of Science in Electrical & Computer Engineering -
2009 (Texas A&M University - College Station, TX) Bachelor Of
Technology in Electronics & Communications Engineering -
2001 (Shaheed Udham Singh College Of Engg & Technology -
Mohali, Punjab) B.Sc. in Communications And Electronics Engineering -
1997 (University Of Baghdad - Baghdad)