

Robert Smith

Electrical Engineer II

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SUMMARY

Experienced Electrical Engineer II with a strong technical background and demonstrated success in design, integration, installation, maintenance, and repair of a wide variety of systems, including Information Technology, Telecommunications, RADAR and support systems for NASA and U.S. Army. Expertise includes developing and implementing process control and process improvement initiatives, Talented leader and skilled communicator who proactively builds top-performing teams and establishes key collaborative relationships with all levels of employees, from highly skilled engineers, technical and support staff to C-level executives.

SKILLS

Electrical /Electronics Engineering, Teaching, Teamwork, Telecommunications, Telecommunications, Research, Management, Microsoft Office

WORK EXPERIENCE

Electrical Engineer II

ABC Corporation - 2010 - 2018

- Collaborated with mechanical engineers to resolve product development and maintenance issues.
- Designed and implemented electrical equipment, facilities, and systems for commercial and domestic purposes.
- Helped initiate a more organized drawing package to increase manufacturing productivity.
- Reviewed design drawings, specifications and customer requirements for newly engineered components and processes.
- Simulated overvoltage protection studies covering both lightning and switching surges.
- Calculated critical parameters for the generators, transformers, circuit breakers, and other auxiliary equipment.
- Installed control panels and delivered quality assurance of protection techniques during machine breakdown maintenance.

Electronics Engineer

ABC Corporation - 2006 - 2010

- Provided technical support to customers through the analysis of system performance and interface design, definition, and assessment of critical issues, independent evaluation of flight and ground system performance, and system requirements analysis.
- Provided technical support to the earth and space science programs in the area of spacecraft analysis, including mission and performance definition assessments.
- Conducted systems studies to develop innovative concepts for space exploration and mission architectures.
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- Performed systems analyses to assess the technical merit of spacecraft and mission concepts.
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- Successfully performed data and RF communications analysis of the interaction between the lunar surface elements and comm/nav confirming the frequency and data requirements of user radios.

EDUCATION

Bachelor's in Electrical Engineering - 2005 (Old Dominion University - Norfolk, VA)
Associate in Science in Engineering - (Thomas Nelson Community College - Hampton, VA)