

Robert Smith

Principal Electrical Engineer

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SUMMARY

Over thirty five year's achievement in Research and Development with additional experience in production and technical services. Work well in team and individual contributor contexts. Possess a rare combination of technical knowledge and creative ability. Recognized by colleagues and management for innovative input, unique perspectives and results.

SKILLS

Developing Skills, Engineering Skills, Management.

WORK EXPERIENCE

Principal Electrical Engineer

ABC Corporation - 2015 - 2020

- Integrated Product Team (IPT) Lead for the development and integration of four major electronic components for the next generation A4 Bradley Fighting Vehicle.
- Provided guidance to a team of staff and senior engineers (electrical, mechanical, software), drafters, field support personnel, and technicians.
- Managed suppliers to stay within cost and schedule milestones, while achieving all defined requirements.
- Oversaw a \$15M developmental budget with a three year timeline to bring components to full system level readiness, which resulted in \$1M under budget and 3 months ahead of schedule.
- Presented key milestone design reviews to program leadership and US Government teams with zero action items.
- Responsible for the design and development of a system controller FPGA.
- Developed software and hardware for tractor products and turf research projects Developed software to interface with UART, CAN bus and GPIO using C.

Principal Electrical Engineer

Delta Corporation - 2000 - 2015

- Included supervision of electrical works; monitoring, reviewing, commenting and reporting on progress payments, quality control and safety; preparing .
- EL-Khossous and Kalag Screw Pumping Stations Extension project.
- Kabul, Afghanistan Provided engineering services on a virtual basis to develop engineering and equipment selection to create synchronizing scheme to .
- Provided engineering services for cathodic protection design and equipment selection to protect underground steel piping from corrosion throughout .
- Electrical Engineer for design of Agricultural complexes, Moscow region.
- New product development.
- RF cardiac ablation system design Cryogenic cardiac ablation system design IEC-60601 Compliance, Safety and EMC Design FMEA Test Procedures Automatic .

EDUCATION

MS