



Professional Resume

Lary S.

Summary of Qualifications

Mr. S. is a Six Sigma Black Belt and Statistical Tool Application Specialist, whose career has focused on the advancement of products and processes through Continuous Improvement (CI) Methods and Advanced Quality Systems. Over 20 years experience encompassing engineering, manufacturing, R&D, and transactional settings. Mr. S. offers vast experience in training, team facilitation, and project management.

Areas of Expertise

- Six Sigma Black Belt including Design of Experiments (DOE)
- Consulting, Team Facilitation, and Project Management
- Continuous Improvement
- Process Development, Materials R&D
- Training and Curriculum Development
- Quality Systems and advance applications of quality in manufacturing

Professional Experience

- Develop and deliver consulting and training solutions for robust process designs using DMAIC process, DOE, and software modeling tools.
- Developed and/or delivered statistical application workshops for: 1) Six Sigma DMAIC Programs at Ford Motor Company, Michigan's Job Development Program & a major Financial Institution; 2) a product development and validation initiative for a Department of Energy SBIR contractor; & 3) technical writer for a Design For Six Sigma (DFSS) e-learning program.
- Facilitated and trained robustness and statistical tools to over 5000 engineers and managers in the Ford Technical Education Program.
- Project Coordinator with Corporate Project Management Office (PMO), reporting to VPQ, responsible for the development and implementation of technical and business level process improvements.
- Development role in Product Development System and Order Fulfillment processes w/ PMO. As PMO consultant, responsible for training and facilitating process re-designs from management to manufacturing level.
- Research, development and implementation of chemical systems used in manufacturing processes for electronic components
- Key problem solver in manufacturing operations and recognized for material waste reduction and product rework, as well as product variability improvements.
- Modeled fuel retention characteristics for hydrogen micro-encapsulation in glass and polymer composites for a US Department of Energy contract.

Education and Affiliations

- 1975 - Master of Science, Physical Sciences (Chemistry & Physics), Marshall University.
- 1973 - Bachelors, Science Education, Marshall University.
- 1979 - Chemical Physics, Bowling Green State University; completed 30 credit h
- Six Sigma Black Belt and CQE Certifications.
- U.S. Department of Energy Sigma level security clearance from 1981 to 1989.
- Members of ASQ, publications and presentations list available.
- Software capabilities: MS Word, PP, Project, Excel, Visio; Statistical: Minitab; DOE: Design-Expert.

30425 Munger St Livonia MI 48154

P 734-425-1455 | F 734-943-6608

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