

Charles DeMartino

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- U Managed multiple product qualification projects in excess of \$250,000 simultaneously.
- U Created automated QA forms and documentation, cutting test prep time by 20%.
- U Functioned autonomously on assigned projects while also advising and assisting with colleague's projects.
- U Retrofitted large environmental chamber for MIL-STD and RTCA Testing, turning a \$50,000 purchase to a \$240,000 asset, producing approx. \$130,000+ annually.
- U Project/Test Engineer with experience in RTCA, MIL-STD, and SAE qualification testing.

Engaged MULTI-TASKER

Creative technology enthusiast with a desire to know more about the why than the what. Capable of thinking outside the box to develop creative solutions to conventional problems. Technologically apt, with experience in modern IT systems and most productivity driven software packages employed by today's commercial industry. Continuously pursuing methods to develop an increased product quality delivered to the end user while simultaneously increasing production efficiencies to increase profitability. Proven strengths in customer relations, disaster recovery and project management.

Education

Florida State University
B.S. Mechanical Engineering
August 2010 - August 2015

Professional Experience

Element Materials Technology » Test Engineer » Jupiter, Florida » (8/15 – 6/18)

Primarily tasked with product qualification testing from contract acceptance to delivery of report. Developed quoting reference materials, numerous automated QA forms and consolidated equipment supplier databases. Responsible for test preparation, scheduling, budgeting, purchasing, physical test setup builds, control system programming, performing tests, data review and validations, technical writing, and safety audits. Functioned in the capacity of Project Manager, Design Engineer, Test Engineer, Test Technician and Quality Administrator. Frequently sought out for experience with atmospheric simulation and Psychrometrics, as well as technical capabilities using MS Office products and general IT subsystems. Significant experience gained in the following areas of testing:

- ❖ Thermal Cycling & Shock
- ❖ High/Low Temp Performance
- ❖ Hot/Cold Fuel Operations
- ❖ RTCA & MIL-STD 810G Conformance Testing
- ❖ Heat Exchanger Benchmarking
- ❖ Accelerated Lifecycle Testing
- ❖ Hydraulic & Pneumatic Proof/Burst
- ❖ Simultaneous Temp & Pressure Cycling

Peninsula Bank » IT Assistant » Delray Beach, Florida » (11/06 – 7/10)

Network Administrator responsible for serving 13 Branches, 17+ Servers and 150+ workstations throughout Florida on both east and west coasts. Initially consulted on specific case of determining root cause for security issues. Stellar performance exceeded expectations and lead to full-time position. Critical member of two person department. Notable accomplishments include:

- Digitally designed and subsequently implemented computer network from concept to working model (still in use.)
- Responsible for high security protection of private information (tax records, employment records, sensitive documents)
- Provided continuous technical education and training to new and current employees
- Optimized capital investments with rigorous life cycle modeling and empirical research; Including lab style testing and on-the-fly integration
- Developed documentation protocols and standards to track, monitor, and assess reported issues
- Lead support call responder; 300+ calls successfully handled monthly
- Developed expeditious "on-the-spot" problem solving abilities through fielding extremely diverse support calls.

Specialized Skills

- ❖ Advanced MS Office
- ❖ Intermediate Solidworks
- ❖ Intermediate Creo Parametric
- ❖ Intermediate DASyLab DAQ
- ❖ Novice C++ and VB Languages
- ❖ Intermediate GD&T
- ❖ Intermediate ISO 17025 Compliance
- ❖ Intermediate ISO 9001 Compliance
- ❖ Advanced ITAR Regulatory Compliance
- ❖ Intermediate OSHA Regulatory Requirements
- ❖ Intermediate Machining & Tooling
- ❖ Novice Additive Manufacturing
- ❖ Novice FARO Laser Systems
- ❖ Intermediate Analog/Digital Controls
- ❖ Advanced equipment procurement