

Richard Moscatiello

Education

MASTER OF BUSINESS ADMINISTRATION, Emory University, Atlanta, Georgia

BACHELOR OF ARTS, Asian Studies + Economics, Emory University, Atlanta, Georgia (3.7 GPA)

ASSOCIATE OF SCIENCE, Mathematics, Gainesville College, Oakwood, Georgia (3.4 GPA)

Professional Experience

APPLIED TECHNOLOGY CONSULTANT, ENGINEERING LAB ASSISTANT, Johnson Battery Technologies, Atlanta, GA 02/17- 02/19

Planned and costed transition from prototype to mass production of thin film solid state batteries; designed and built electro-mechanical devices in support of research and engineering.

ENTREPRENEUR, Mountain View Systems LLC, Decatur, GA 11/02 – 11/08

Designed, built, and installed integrated RFID portal system for managing assets (such as large tools or documents that are kept in a controlled-access area) for Port Authority of NY & NJ. Piloted initiative to track and locate portable medical equipment using a wireless RFID-equipped utility cart for Emory Hospital and Piedmont Hospital. Initiative included [detailed case study](#) with pricing and ROI analysis. Developed, built, and installed [MVS-7100 RFID Tracking System](#) for locating document storage boxes in an archival warehouse for Atlanta Data Storage, Inc. System deliverables included forklift-mounted RFID system with wireless data link and data processing software.

PROJECT MANAGER, Marconi Infochain, Inc., Norcross, GA 11/00 – 11/02

Successfully rolled out PDA/web-hosted order and delivery tracking solution for Philips Health Care Products, a major nationwide distributor. Brought scope changes under control and renegotiated price increase. Created and sold equipment leasing plan that resulted in +19% ROI; cash flow positive in 8 months. Managed installation of RFID supply chain management system for CHEP, world's largest pallet manufacturer and distributor. Initiative marked a global milestone in the market development of RFID technology.

AVIONICS ENGINEER 1, GEC-Marconi, Inc. (currently **BAE Systems**), Norcross, GA 06/80 – 09/99

- Project: F-16 AVTR (Norcross, GA , 1996-1999) Leadership role in final design and production of aircraft video system test equipment with oversight of 4 avionics engineers. Teamed with Test, Manufacturing, QA, and DCAS to clear a backlog of over 50 engineering changes in less than 2 months to meet product sales goals.
- Project: LG Precision Co.(Gumi, South Korea, 1994-1996) Hosted and trained 10 Korean students leading to sale of \$5M aerospace technology transfer. Established avionics co-production line in Korea, trained personnel, provided expert technical, operational, logistical, and sales support. Implemented process innovations that increased monthly deliveries by 200%.
- Project: Israeli Air Force (Tel Aviv, Israel, 1987-1992) In-country technical support for F-16C/D Head-Up Display system. Developed relationships leading to follow-on sales of aerospace technology. Worked closely with General Dynamics, IAF, USAF, US Embassy.

Technical Skills

Technical Project Management; Build web pages and manage domains; Design/build electronic circuits and electro-mechanical devices; Rebuild automobile engines; Apps include Electronics and 2D CAD, HTML, DreamWeaver, WordPress, Apache, SQL, Python, Windows 2000/XP/7/10, Linux, QuickBooks, process simulation, statistics, regressions, decision analysis, Photoshop, Microsoft Office (Project, Word, Excel, PowerPoint,), et al

Other Activities

HILTON HEAD SQUADRON COMMANDER, CIVIL AIR PATROL, Hilton Head, SC 10/2021 – present

HIGHWAY THUNDER RESTORATION PROJECT, Decatur, GA 7/2013 – present

Classic car restoration. Restored a 1966 Ford Thunderbird. Created weblog (www.hwythunder.com) detailing project and related technology.

ASSISTANT PROJECT MANAGER, IT MANAGER, B-17 Aircraft Restoration Project, Mighty Eighth Air Force Museum, Pooler, GA 07/10 – 05/13

As a volunteer, coordinated restoration of B-17 Flying Fortress “City of Savannah.” Planned for three work crews consisting of A&P mechanics, aviation sheet metal specialists, aviation electrical specialists, carpenters. Used MS Project to create Project Plans with detailed Work Breakdown Structures. As IT consultant, created, set up, and managed the organization’s [web site](#) and web log

Certifications

- CompTIA IT Network+ COMP001020035797
- CompTIA IT Security+ COMP001020035797
- FCC Commercial Operator License PG069071
- PMI Project Management Professional, 1229159
- Lean Six Sigma Green Belt (Georgia Institute of Technology)
- ACT National Career Readiness Gold+, 243BFT7Z2FYV
- FEMA ICS-100, ICS-200, and ICS-700 certifications
- Certification of Chinese Language Studies, Beijing Institute of Education, Beijing, PRC

Papers and Presentations

- [Organizational Modeling](#), presentation to Coastal Empire PMI chapter, April 16, 2010
- [Applying Micro-Electro-Mechanical Systems \(MEMS\) Technology to Digital Flight Controls](#) (Preliminary, Rev.1), October 2009
- *Market Opportunities in RFID: How Membrane Switch fabrication methods can be applied to the manufacture of RFID circuits*, presentation at the Membrane Switch Symposium, Indianapolis, June 14, 2006
- [A Reflection of the Future: RFID Today](#), published in SGIA Journal, March 2005 and Technology Association of Georgia’s online Technology and Business Articles Library, March 2008
- [Forecasting the Unit Cost of RFID Tags](#), submitted for publication July 2003 (frequently cited)
- *Wireless Mobile Asset Tracking Vehicle*, Patent Application 10/906301, February 2005
- *RFID Asset Management System*, Patent Application 60/594056, March 2005
- *Smart Space RFID System*, Patent Application 60/566349, April 2004
- *Threshold Antenna*, Patent Application 60/594074, March 2005
- *Antenna Multiplex Module*, Patent Application 60/506,549, September 2004