

SUMMARY VITA- Oladokun E. Faduyile

Adjunct Faculty of Electrical Engineering

Education

University of Tennessee – Chattanooga, TN

Master of Business Administration, MBA (Present)

Master of Science, Electrical Engineering (MSEE)

Bachelor of Science, Electrical Engineering (BSEE)

Academic Experience

Adjunct Instructor, University of Tennessee – Chattanooga, TN (1/2007 – 8/2013)

Adjunct Faculty Member

- Designing/conducting experiments in the Power System Laboratory
- Guiding students on experimentation with variety of electromagnetic energy conversion using *Lab-Volt* equipment
- Introducing students to practical considerations/performance characteristics of transformers, magnetic circuits, induction motors, synchronous motors and AC & DC circuits through series of experiments
- Designing and introducing students to fundamental understanding of electrical circuit systems

Non-Academic Experience

Sargent & Lundy LLC – Chattanooga, TN

(01/08 – Present)

Task Manager

- Responsible for the overall implementation of assigned projects, liaising with vendors and other engineering groups, managing schedule, budget and resolving related issues.
- Working and coordinating with vendors to optimize material procurements in order to meet project performance, budget, and goals.
- Reviewing vendor technical submittals, providing comments to the vendors accordingly, identifying applicable testing requirements and preparing the testing documents. Identifying required calculations to support the design and preparing/reviewing the affected electrical calculations. Coordinating with other interdisciplinary engineering groups for their impacts on the design changes, identifying applicable standards and ensuring design modifications conform to all applicable codes and standards.

Technical Engineering Coop, GE Consumer & Industrial - Louisville, KY

Reliability Engineer

(08/2004 – 01/2005)

- Designed testing procedures and performed accelerated life test on washing machines to detect manufacturing process defects for root cause analysis.
- Led implementation of MES tool to capture real time data for improved visibility and analysis.
- Expanded electronic control test capacity by 22% to support shift product mix.
- Managed and monitored day-to-day reliability operations of 120 units at the Reliability Audit Lab to ensure the quality of washer manufacturing processes

Six Sigma Damage Control

(05/2004 – 08/2004)

- Monitored, analyzed and tracked the feedback of all damaged products from local delivery centers; implemented a tracking process to increase loading performance by 100%; automated and reduced database analysis time by 20% by reprogramming the queries; Initiated a fix for range backslash damage; a potential savings of \$130K/year; lean and Six Sigma Project Accomplishment
- Took 1st position for successfully implementing the creation of new Dedicated Customer Shipping Area (DCSA) in the Warehouse Technical Engineering Coop, GE Consumer Product - Lafayette, GA

Procurement Engineering/Coordinator

(05/2003 – 12/2003)

- Managed and coordinated the needed parts for the Trivection (oven) project pre-pilot and pilot production; interfaced with Design Engineers and Suppliers through Purchasing engineers to ensure all parts supplied were to specifications and available as needed; dispositioned and performed e-First Piece (electronic quality control) on purchased parts; initiated the modification of older revision parts to prevent line shut down due to parts unavailability

Memberships & Organizations

- Professional Engineer (PE) Licensed in State of Tennessee
- President of S&L-Chattanooga Chapter of North American Young Generation in Nuclear (2010- 2011)
- President of GE Consumer and Industrial' Supply Chain CO-OP (2004)
- President of UTC-International Student Organization (2003)
- President of UTC-National Society of Black Engineers (2003-2004)
- Vice President of UTC-Graduate Student Association (2005-2006)
- Outstanding Graduate Student Award (2006 – 2007)
- Secretary General of Ikale World Congress (2009-2013)
- Elected to Who's Who Among Students in American Universities & Colleges
- UTC-SGA Leadership Merit Award
- National Dean List
- UTC Student Government Association's Senator
- Member of IEEE, IEEE-CS, IEEE-PS
- Member of Chattanooga Engineers Club
- Member of Big Brothers Big Sisters of Greater Chattanooga
- Member of United States Soccer Federation (USSF – State Referee)
- Member of National Intercollegiate Soccer Officials Association (NISOA – National Referee)
- Member of National Federation of States High Schools Association (NFHS – Official)