

Norman Riley Dean
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Work Experience: **Lower Tier Project Office (LTPO) (2012-Present)**

106 Wynn Drive
Huntsville, AL 35805 United States

Operations Research Analyst -- Earned Value (EV) Team Lead

• Led team of 3 analysts in conducting all aspects of Earned Value Analysis for multi billion dollar Lower Tier Program

• Utilized Visual Basic to develop and maintain LTPO contract database

• Served as lead EV analyst on multiple contracts for the Patriot PAC-3 missile and PATRIOT ground system with responsibilities including

- Analyzing monthly Integrated Program Management Reports (IPMR)
- Briefing management on any performance issues
- Maintaining wlnsight database for assigned contracts

• Applied DoD/Army and PEO acquisition and Earned Value policy to author earned value section of Statement of Work and CDRLs for multiple contracts

• Served as the LTPO Earned Value representative at Integrated Baseline Reviews (IBR) for various contracts with responsibilities including

- Understanding cost, financial, and technical risk associated with effort
- Serving as government expert in regard to EV issues (Metrics, Cost Account Structure, EV system questions, etc)
- Documenting IBR efforts and authoring final government IBR report
- Briefing management on IBR results

• Worked with contractors to reduce Earned Value costs on multiple Basis of Estimate (BOE) by ensuring accurate costs for new efforts and generating government position

AMCOM G3 Demilitarization (2009-2012)

Sparkman Center
Redstone Arsenal, AL 35808 United States

Operations Research Analyst -- Systems Engineer

• Served as AMCOM POC to higher authorities including PM Demil for Chemical Demilitarization recapitalization efforts

• Developed cost models and Life Cycle Cost estimates for Chemical demil and MLRS demil cost elements

• Served as leader of Multiple Rocket Launch System (MLRS) Technology Work Group with responsibilities including

- Planning/organizing work process
- Overseeing and coordinating technology interface integration
- Planning and leading TIPT meetings
- Providing systems engineering input
- Acquiring, analyzing, storing and updating program improvement efforts discussed within TIPT

• Provided varied engineering support for MLRS technology development efforts including

- Developing technology implementation schedules on an integrated master plan
- Developing facilitization requirements and cost estimates
- Identifying and developing Program Objective Memorandum (POM) requirements
- Utilizing computer modeling and simulation tools such as Simul8 to design experiments for MLRS process flow and effluent disposition
- Maintaining relationships with various contractors and non-government agencies such as Sandia National Laboratories

• Developed Demilitarization Risk Management Analysis Tool (DRMAT) using Visual Basic

• Analyzed demilitarization execution and logistics schedule and funding risks for various Army depots

• Provided varied cost/risk analysis and financial support including

- Supporting various "what if" exercises
- Preparing and submitting Army Procurement Backup Books (P-Forms) for the POM, BES, and

- President's Budget
- Preparing and updating Demil annual spend plan

AMCOM G3 Command Analysis Directorate (CAD) (2007-2009)

Sparkman Center
Redstone Arsenal, AL, AL United States

Operations Research Analyst

Duties, Accomplishments and Related Skills:

- Conducted analysis of Condition Based Maintenance (CBM) effectiveness
 - Developed a baseline for aviation RESET time
 - Verified Economic Analysis (EA) and Capital Investment Programs (CIPs)
 - Planned, organized, and executed Tomorrow's Army Civilian Leaders (TACL) staff rides
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Education:

University of South Alabama Mobile, AL

Master's Degree 05/2007

Major: Mathematics and Statistics

Other Information:

Awarded a full tuition Graduate Assistantship. Served as a graduate assistant for 2 years

Auburn University Montgomery Montgomery, AL

Bachelor's Degree 05/2005

Major: Mathematics **Honors:** Magna Cum Laude

Other Information

2005 Department of Mathematics outstanding student. Awarded full tuition scholarship

Volunteer Experience:

College of Performance Management (CPM) – Administrative Chair (2014 - Present)

International Cost Estimation and Analysis Association (ICEAA) – Administrative Chair (2012 – 2014)

Tomorrow's Army Civilian Leaders (TACL) – Staff Ride Chair (2007-2008)

Lincoln Academy – After School Tutor (2009-2016)

Southwood Presbyterian Church – Sunday School Teacher, 6-7 Year Old (2010-2013)

Christ Presbyterian Church – Deacon, (2017-Present)

Professional Publications:

Feb 2014 Luncheon International Cost Estimation and Analysis Association, Huntsville Chapter presentation -- "An Introduction to Earned Value Management in the Department of Defense"

July 2018 Quarterly Meeting College of Performance Measurement TV Chapter presentation – "When the FAR goes too far: Understanding EVM Waivers and Deviations"

Additional Information:

Secret Level Clearance

Professional Cost Estimator / Analyst (PCEA) from International Cost Estimation and Analysis Association

Certified Acquisition Professional: Level 3 Systems Planning, Research, Development and Engineering (SPRDE), Level 3 Business and Financial Management, Level 1 Program Mgmt

Official Commendation for work done in the Value Stream and Business Case Analysis for AMCOM's Contrition Based Maintenance (CBM) program

Official Commendation for outstanding analysis done in support of AMCOM G-3 Demil

Official Commendation for outstanding analysis done in support of Chemical Demil facility recap efforts

Official Commendation for support of PAC-3 MSE FRP Decision