

EARL T. LAMB
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OBJECTIVE: Program Manager or Engineering position based on formal education, military experience, and proven ability to work in a team environment.

EXPERIENCE:

Hoya Vision Care (7/19 to 7/20)

Ramsey, Minnesota

Research & Development Project Manager

Worked within the United States based Research and Development group. Our mission was to create the NPD/P through the companies stage-gate system. Once the projects were accepted by production, the design would be turned over for manufacturing. Additionally, directly collaborated with Hoya's Global PMO to improve the stage gate system for the NPD/P and to create the process to quickly develop new technology platforms.

Executed and directed various NPD/P through the stage-gate process (e.g., Inner Mirror, PZ Wide, Photonics Lens).

Curtiss-Wright (5/17 to 6/19)

Chanhasen, Minnesota

Program Manager – Ground & Naval Defense Segment

Tasking included establishing the program management principles within a growing segment at Curtiss-Wright. Developing PMP tools and processes to incorporate into program execution. In addition to organizing the current program management team, worked towards putting in place various new production cells (e.g., Factory-within-Factory).

Executed various projects and was responsible for the profit and loss of the groups contracts (e.g., Ford class control systems project, Ship-to-Shore Connector control project, and multiple other smaller projects).

Orbital ATK - Allegany Ballistics Laboratory (11/05 to 7/15) Held Secret Clearance

Rocket Center, West Virginia

Program Manager – ATK Missile Products

Executed various projects in both the research and production environments at ATK. The Earned Value Management System (EVMS) and technical achievement are essential elements concerning these projects. Performed on two highly valued strategic programs (i.e, David Sling and LRLAP), which kept ATK in the fore front of rocket motor know-how. These programs being guided through early development and the qualification phases of their life cycle. Skills employed but not limited to the following; performing on simultaneous projects, directing highly technical multi-discipline teams, coordinating supply chain, and interfacing with various stakeholders including internal and external customers.

L-3 Communications – Henschel (6/04 to 9/05)

Newburyport, Massachusetts

Program Manager – Marine and Announcing Systems

Responsible for the Marine and Announcing System program. The program included; Astute CIS project, Astute ICS project, and new product development (e.g., Deepwater Alarm and Announcing system). Tasks included following ISO 9000 procedures through; the planning, design, verification, pilot build, and production phases of a product introduction. Additional duties included but were not limited to; team development, product development schedule, raw product cost targets, scheduling labor resources-conflicts, and monthly financial/technical reviews.

American Science and Engineering (10/00 to 4/03)

Billerica, Massachusetts

Senior Electrical Engineer

Responsible for company product lines. Duties included R&D, technical solutions, gross margin, team coordination, schedules, and product shipments.

Project Engineer on the Model 66Z Plus X-ray System

This project launched a new model of X-ray systems at AS&E. Included following ISO 9000 procedures through the planning, design, verification, pilot build, and production phases of a product introduction. Additional duties included but are not limited to; team development, product development schedule, raw product cost targets, scheduling labor resources and conflicts, and monthly financial/technical reviews.

Naval Undersea Warfare Center (9/97 to 10/00)

Newport, Rhode Island

Special Projects Team Leader

Responsible for the Special Projects Team. Duties included overseeing the yearly budget and technical schedule, technical lead on project tasks and resolution of technical problems.

Program Manager tasks included; working closely with project customers (ONI, SEA92, SUBPAC, SUBLant), creating and performing yearly budgets, creating monthly financial/technical reports, coordinating various logistics efforts, scheduling and coordinating sub-contractor tasks and contacts, building teams, scheduling project resources and shipping dates, and ensuring product survivability on mission.

Technical areas include Field Service Engineering, Multi-Spectral Imaging Capabilities, System Engineering, and Testing Services.

Low Light Level camera selection.

Design of a focusing control system for a multi-sensor imaging system.

Proto-type design of a six-axis control and data acquisition system using DSP components.

Development of Built-in-Test equipment for the troubleshooting various equipment failures.

Chief Engineer (Cluster NESSIE Gen I)

Responsible for the day-to-day operation of the Cluster NESSIE Gen I system. Experience includes working hand-and-hand with manufacturing, and waterfront personnel to complete the yearly installation schedule.

Technical areas include experience with accelerometers, inertial sensors, electromechanical devices, angular rate sensors, and electrical test equipment.

Design of a hybrid based two axis control system for Line-of-sight position control system.

Design of a HWIL electrical-mechanical gyro alignment procedure.

Team Leader for the rapid response field engineering team. On-site troubleshooting and repair of electro-optic and electro-mechanical systems.

ANALYSIS & TECHNOLOGY, INC. (9/96 to 9/97)

New London, Connecticut

Systems Engineering Group Manager

Responsible for the Systems Engineering Group. Duties included overseeing the yearly budget and technical schedule, technical lead on project tasks and resolution of all technical problems.

Program Manager responsibilities; group profitability targets, group growth targets, customer satisfaction, re-investment plans for team members, and technical/ financial reports.

Technical areas included System/Control Engineering Services, System Testing (Hardware-In-The-Loop, DSP), Software Development (Matlab/Simulink), and Inertial Navigation Systems.

Provided multi-area support through determining system and equipment performance deficiencies for the Navy Electronic Surveillance System, Infrared Exploitation (Cluster NESSIE) program
Identified alternate approaches to the current NESSIE stabilization/compensation scheme. Analyzing various approaches to improve the current system.
Developing Hardware-in-the-Loop system testing using the Matlab/Simulink/dSPACE test equipment.
Analyzed NESSIE stabilization and navigation integration improvement progress, assessing engineering/technical impacts of proposed designs, and providing recommendations for alternate approaches.

STRUCTURED TECHNOLOGY CORPORATION (12/92 to 9/96)

Niantic, Connecticut

Control/System Project Leader

Responsible for the four-person System/Control Engineering Group. Duties included overseeing the yearly budget, technical schedule, technical lead on project tasks and resolution of all technical problems.

Designed system bypass circuits using existing sensors to emulate major control system functions.
Developed various control system pointing algorithms (Provided pointing algorithms for Data Interface Group, NESSIE, PISCES and developing NESSIE GEN II pointing algorithm).
Conducted independent software testing of the Periscope Stabilization System Simulation Program.
Prepared test plans/procedures for NESSIE operational land based testing. The test plans were organized to accomplish precise experimentation on the different stabilization/control approaches.
Conducted system testing to determine faults and validation of a operational NESSIE system and new bypass circuits.
Developed Control system and Controlled system simulator programs to include upgrades that are incorporated into the current NESSIE baseline system. Utilized the Matlab/Simulink program to incorporate various experimental control system approaches.

UNITED STATES ARMY (7/84 to 7/86)

Fort Steward, Georgia

19D10E9 Cavalry Scout

Conducted reconnaissance missions in teams. Performed hands-on maintenance and operations for the M113 Armored Personnel Carrier (APC) and it's communication systems. Received numerous medals and commendations in the performance of duty.

EDUCATION:

FLORIDA INSTITUTE OF TECHNOLOGY (8-91)

Melbourne, Florida

Bachelor of Science Electrical Engineering