

Ryan Brown

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Authorized to work in the US for any employer

WORK EXPERIENCE

Project Engineer III (Project Manager)

Honeywell - Mount Laurel, NJ - October 2015 to Present

Responsibilities

Manage projects that support New Product Introduction (NPI), Value/Cost Engineering (VE/CE), Insource/Outsource and Supplier Transitions, and cost savings projects. Manage and drive project deliverables, ensure for correctness and completeness for ISC functions, (Documentation Configuration and Control, Demand Planning, Manufacturing, Test & Tool Engineering, Sourcing, Service & Repair). Continuously improve and document the process through implementation of six sigma tools, best practices, experiences, utilizing tools such as: FMEA, Control Plans, Rapid Problem Solving (RPS), lessons learned, best practice knowledge sharing, etc

Project Manager

United Technologies Corp - Rockford, IL - 2014 to October 2015

Responsibilities

Oversee up to eight projects simultaneously. Develop and manage annual budget, averaging seven million dollars per project for the life of the program. Communicate with other team leads, program management and customers to mitigate risks and keep projects on task. Lead efforts to meet software level requirements, development, testing and initial production. Create Tier 4 schedules for each software project. Develop and execute plans to meet program and customer milestones. Create Statement of Work and Purchase Orders to negotiate contracts with outsourcing companies. Manage the staff and their tasks, with onsite and outsourced team members.

Senior Systems Engineer

Lockheed Martin - Moorestown, NJ - March 2008 to April 2014

Support the development and test of the Aegis Command and Decision portion. Test new functionality for BMD 5.0 engagement system. Create test procedures for Aegis BMD testing. Verification of requirements implementation through detailed data analysis. Document errors and verify errors are corrected by the software team. Support design and code reviews from the software team. Wrote and created specification changes for multiple components. Assisted in writing and review of C2I White Paper for Aegis BMD baseline. Verify documented errors and confirm fixes upon implementation of errors, via testing on Aegis simulator.

Re-Architecture Lead / Lockheed Martin

EMF - January 2012 to May 2012

Moorestown, NJ

Lead effort to re-architecture engagement management function (EMF). Lead a team of software and system engineers to organize code to a more open architecture, with test engineers to verify that no functionality was lost in the process. In addition to testing with the team.

System Track Manager Requirements Lead / Lockheed Martin

HCM IRAD/Proposal - Montréal, QC - October 2007 to March 2008

QC

System Track Manager Requirements Lead. Worked on HCM IRAD/Proposal. Designed Activity Diagrams, using SysML, and derived requirements for the SRS. Generated spec for System Track Manager. Wrote Test Procedure and Test Plans for multiple components of HCM.

Systems Engineer / Lockheed Martin

Moorestown, NJ - July 2007 to October 2007

Worked Integration and Test for DDG 1000 program. Developed test cases in DOORS at the ensemble level. Tested code using a simulation tool to determine if code was adequate enough to meet the requirements written.

Systems Engineer / Lockheed Martin

Hampton, VA - April 2006 to July 2007

Administered signals database for the entire DDG 1000 program. Created reports and queries as well as organized them in MS Access.

- Developed system requirements for the Ships Resource Manager. Wrote use cases and sequence diagrams in the IEM Model, using Rational ClearCase. Reviewed and critiqued peers requirements for errors and accurate information.

Embedded Software Engineer Associate / Lockheed Martin

Akron, OH - June 2004 to April 2006

Participated in multidisciplinary research and collaborated with equipment designers and hardware engineers in the planning, design, development, and utilization of electronic data processing systems software. Provided software engineering support by creating and assisting with coding, testing, and documentation.

DEVELOP Program / NASA Langley - Hampton, VA - October 2003 to May 2004

Conducted initiatives that extended NASA Earth Science research to local communities. Demonstrated a prototype application of NASA Earth Science measurements and predictions addressing local policy issues to various community leaders.

Washington Baltimore-Hampton Roads Alliance - Norfolk, VA - August 2003 to May 2004

Conducted research on a variety of employment positions using the theory of critical path analysis to determine the most efficient use of time.

Langley Aerospace Research Summer Scholars (LARSS) / NASA Langley - Hampton, VA - June 2003 to August 2003

Developed a user-friendly website for the security department, as a link to NASA Langley Home Web Page.

EDUCATION

Masters of Science in Engineering Management

Drexel University - Philadelphia, PA

March 2013

Bachelor of Science in Computer Science

Norfolk State University - Norfolk, VA

May 2004

ADDITIONAL INFORMATION

Related Skills

Systems Engineering, Rational Rose, SysML, Rhapsody, DOORS, Clearcase, Unix, SQL, C/C++ Programming, MS Access, XML, Data Structures, Java Programming, Discrete Structures, Assembly Language, Software Engineering and other CASE tools. Possesses good people skills, excellent communicator with strong interviewing skills; works well as a member of an integrated project team (IPT) or as a self-starter.