**Aurora Havens**

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*Dynamic and results-driven Software Engineering Professional in possession of a Bachelor of Science in Computer science and over six years of experience in database management, leveraging Jira tools, and collaborating with high-performance teams. Expertise in improving engineering systems, managing stakeholder relationships, and developing software solutions. Proficient in employing programming languages including C++, Java, and Python.*

**WORK EXPERIENCE**

**L3Harris, Greenville, TX Oct. 2022 – Present**

*Systems Engineer, DOORS Specialist*

* Administered DOORS requirements database to provide Systems Engineers with access to a requirements database tool
* Led engineering efforts through Jira training programs, facilitating systems engineering professionals, and ensuring continuous improvement to ensure skill development.
* Improved processes by collaborating with the Jira support team to enhance systems engineering process performance and reliability by 40%.
* Developed sector requirements management processes ensuring common processes among Systems Engineering teams

**Raytheon, McKinney, TX Jan. 2022 – Oct. 2022**

*Systems Engineer*

* Developed requirements, interface control documents, and algorithm design documents for Raytheon Software Team ensuring software development matched stakeholder expectations
* Coordinated quality assurance operations and communicated results to upper management for the purposes of providing a finalized software product
* Developed training materials for field operators to provide support on how to utilize released software
* Provided support to customers by presenting training materials to field operators on Air Force Bases ensuring operators had an understanding of how to utilize released software

**Raytheon, McKinney, TX Jun. 2017 – Jan. 2022**

*Software Engineer II*

* Developed software for Multi-Spectral Targeting Systems (MTS) to release to Air Force operators for field use
* Wrote test cases verifying software adhered to stakeholder requirements
* Coordinated quality assurance operations and communicated results to upper management to release a finalized software product
* Coordinated and tracked hardware movement between software and external teams ensuring timely and consistent delivery of hardware

**PROJECT EXPERIENCE**

**R4J Trainer**

Coordinated with Systems Engineering Agile Process Team to develop training materials and present training to Systems Engineering teams. Provided ongoing support of plugin for Systems Engineers for migrating requirements from DOORS to Jira.

**Flight Test Manager and Coordinator**

Coordinated with Airborne Imagining and Raytheon software team to enact a schedule for Raytheon flight testing. Provided support transporting hardware to aircraft for software testing needs. Provided day by day scheduling and test needs for Raytheon software team to verify software met stakeholder expectations.

**Joint Systems Integration Lab (JSIL) Intermediary**

Acted as intermediary between JSIL and Raytheon software team to provide current software release documentation for JSIL to develop their flight simulation platform.

**Warner Robbins Intermediary**

Acted as intermediary between Warner Robbins and Raytheon software team facilitating maintenance of code base to streamline software development.

**Automation Testing Development**

Spearheaded developing automated tests using IBM DOORS reducing quality assurance timeline of software release by 40%.

**EDUCATION**

Southern Methodist University – *Dallas, TX*

Bachelor’s of Science in Computer Science with specialization in Software Engineering

**SKILLS & OTHER**

Skills: C++, Java, Python, Ada, DXL, Agile Methodologies, Database Management, Software Development Lifecycle, Software Testing, Quality Assurance

Certifications and Training: Certificate of Associate Project Management (Dec 2023)

Personal Interests: crochet, leather working, sewing