**AURORA HAVENS**

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469.782.5151

**EDUCATION**

Southern Methodist University – *Dallas, TX*

B.S. Computer Science with specialization in Software Engineering

*May 2017*

**EMPLOYMENT**

**L3Harris**

*Systems Engineer, DOORS Specialist*

October 2022 – Present

* Administered DOORS requirements database to provide Systems Engineers with access to a requirements database tool
* Created materials and facilitated training for Systems Engineers on using Jira for requirements management, providing a new alternative to the legacy requirements management tool
* Collaborated with Jira Support Team to integrate Jira tools with Systems Engineering processes, providing transparency to Systems Engineers’ work
* Developed sector requirements management processes ensuring common processes among Systems Engineering teams

**Raytheon**

*Systems Engineer*

January 2022 – October 2022

* 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**

*Software Engineer II*

June 2017 – January 2022

* 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

**PROGRAM EXPERIENCE**

**R4J Trainer**

Coordinated with SE Agile 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%

**CERTIFICATION**

Certificate of Associate Project Management

*Project Management Institute*

December 2023

Project Management Certificate

*Southern Methodist University*

Fall 2022

**LANGUAGES, OPERATING SYSTEMS AND TECHNOLOGIES**

* Software Tools Experience: IBM DOORS; IBM Rational Change; IBM Synergy; PowerBI; Microsoft Office Suite; Jira; Bitbucket; Fisheye/Crucible; Confluence; SourceTree;
* Prior Methodology Experience: Agile Methodologies; Waterfall Methodologies; SDLC; Quality Assurance; black box testing; white box testing
* Prior Coding Experience with: C++, Java, Python, Ada
* Prior OS Experience: Microsoft 7, 8, 9, 10