

Preston Wortham

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EDUCATION

Tarleton State University, Stephenville, TX

Bachelor of Science in Computer Information Systems

May 2017

Cumulative GPA: 3.7 Cum Laude

SUMMARY OF QUALIFICATIONS

- Programming and Scripting Knowledge in Python/C#/Java/JavaScript/CSS3/HTML5/XML/GEL
- Proficient in creating complex visual dashboards with Tableau
- Proficient in writing Stored Procedures and SQL Statements in SQL Server to optimize queries
- Experienced with using Visual Studio Source Control and Java Eclipse in an agile environment

WORK EXPERIENCE

BNSF Railway, Fort Worth, TX

Systems Developer (Data Analyst)

June 2018 – Current

- Served as a Tableau administrator to migrate dashboards to new company site
- Created various automated dashboards with Tableau to show real time Engineering Asset Management (EAM) web application statistics
- Wrote nested SQL Stored Procedures to fix production issue by decreasing query result time by 40 seconds
- Built a Python script to archive log files that are older than 30 days on our production servers to increase performance and storage capacity
- Worked with multiple teams to gather requirements for EAM production changes
- Provided weekend on-call support to ensure front-end and back-end of EAM application were running properly after scheduled outage
- Found multiple bugs while performing Integration testing for EAM Java code changes

Technology Services Management Trainee (Systems Engineer)

June 2017 – June 2018

- Used Eclipse to write and deploy Java production code changes to increase the performance of EAM
- Created an automated excel sheet that connects to SQL Server to automatically refresh and display Sync related errors from EAM
- Built a PowerShell automation script to support the redesign of error reprocessing to eliminate manual effort and improve app reliability
- Used Teradata SQL to query consolidated databases daily to monitor EAM application performance

Think Finance, Fort Worth, TX

DevOps Intern

June 2016 – August 2016

- Worked with various teams, such as, application engineering, systems infrastructure, telephony, and networking to accomplish a summer project that involved writing a self-healing automation PowerShell script that connected to LogicMonitor's REST API
- Worked in the NOC to monitor a company wide network and troubleshoot any occurring issues