Caleb Rose

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WORK EXPERIENCE

Software Developer **General Motors** **September 2018 – Present**

Project: Mobile Racking System (MRSS)
- Provided unit test coverage for REST Layers in microservices using JUnit and Mockito libraries, resulting in 95% of code coverage
- Reorganized Data Transfer Object structure using Java 8, increasing code maintainability
- Supporting application after deployment for manufacturing plant based in Michigan

Software Test Analyst **General Motors** **June 2015 - September 2018**

Project: Warehouse Management System (WMS)
- Developed 90 automation scripts covering administrative features for plant based in Detroit, decreasing average regression time by 50%
- Derived test scenarios from business requirements to validate Reports and Control Room functionality

Project: Plant Floor Change Management application (PFCM)
- Created test scenarios from requirements to validate functionality for overall application
- Tracked and fixed defects found in SIT testing environment through collaboration with development team
- Automated 100 test cases covering core features of application, decreasing regression testing by 70%
- Mentored test team on GM-based automation framework to improve productivity on automation coverage

Project: Maximo
- Automated 80 test cases using GM-Based automation framework, improving regression testing time by 65%
- Traced 142 test cases back to business requirements to allow thorough test coverage in Scrum framework
- Identified and monitored defects found in SIT test phase.

Programming Intern **Argo Group International Holdings** **June 2014 – August 2014**
- Innovated a database to act as an internal hub, providing underwriters with data on underground storage tanks
- Developed web-application alongside CIO and director of app development to support underwriting
- Interpreted queries to determine data integrity and provide recommendations for sales opportunities

EDUCATION

Austin, Texas **University of Texas at Austin** **Feb 2019 – Aug 2019**

Code Bootcamp – Front End Development
Notable Technologies: MongoDB, Express.js, React, Node.js, MySQL, Sequelize

Waco, Texas **Baylor University** **Aug 2011 – May 2015**

Major: *Management Information Systems, B.B.A.*
Notable Coursework: Systems Analysis & Design, Database Management, Cyber Security

PROJECTS

Personal Website: https://ctr-portfolio.herokuapp.com/
Pathfinder App: https://the-warp-zone.github.io/pathfinderApp/
Project Board: https://github.com/the-warp-zone/pathfinderApp/projects/1
- Allows users to compare results for routes between Google Maps and MapQuest
- Utilized Google Maps and MapQuest APIs to provide directions data to users
- Designed application using the Materialize.io framework by Google
- Low-level email authentication supported through Firebase service

SKILLS

Proficient: JavaScript, Node.js, Git, MySQL, jQuery
Familiar: React, Java, C#, Express, MongoDB, Selenium, Mockito, JUnit