

# Dire D. Peacock

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## WORK EXPERIENCE

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### Big Tex Plane Co.

2018 - 2022

*Software Engineer full-stack, team lead / scrum master*

*Big, TX*

- C++ software development on an embedded, real-time bound, highly engineered vehicle platform
- Team Leader and scrum master of a 7 developer team
  - Coordinating across lines of business to deliver critical features and maintain system documents
  - Facilitate team performance in SaFE agile system adapted to the defense industry
- Code Modernization of C++ to support vehicle hardware updates
  - Refactored Critical User Interface using Object Oriented Design
  - Updated Product to function on new hardware & middleware platforms
- Modernization of CI/CD and software release
  - Jenkins pipeline with python & shell scripts to launch C++ unit tests & python integration tests
  - Automated test statistics REACT web-app with SQL back end for feature and release reports
  - Rehosted Test Harness in Python from legacy in-house scripting language
- Tech Stack Modernization
  - Updates to from legacy change management software into git, BitBucket & Jira/Atlassian
  - Automated out majority of manual delivery process using CI/CD
- Test Infrastructure
  - Updated simulated hardware messages from legacy scripts into python tests
  - Automated manual build configuration process that were release version specific

### Insurance Underwriting & Sons, LLC

2016

*Software Intern*

*Pearland, TX*

- Designed a Web application providing market, broker and accounts information through automatically generated reports for insurance underwriters
- Coordinated with Senior developers to deliver maintainable software with documentation and tests
- Created a RESTful API for the C# ASP.NET web application to interface with the SQL back end server
- Collaborated with Underwriters to automate and standardize common reports through web-app generation

## EDUCATION

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### Texas' Only Ag. Mech. University

2017

*B.S. Computer Science*

*Ranch, TX*

*Minor in Business Administration*

## SKILLS & INTERESTS

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- **Tech Skills:** C++, C, C#, python, Vehicle Sensor, SQL, unix shell, Javascript, React, Redux, OpenGL, CI/CD, DevOps, REST, Object Oriented, Test Driven Development, Automation,
- **General Skills:** Agile, UI/X, Unit Test, System Requirements, Clearance, Debugging, Integration, JIRA/Atlassian
- **Interests:** Art & Visual Design, Games & Game Design, Baking, Espresso

## Links

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[Github](#), [Website](#)