

# Cody Ferguson

## Education

University of Wisconsin - Platteville

B.S. Software Engineering

May 2017

## Employment

### Kohl's

#### Software Engineer - Planning Team

April 2020 - Present

- Implemented LLY planning functionality allowing reference of pre-Covid numbers to facilitate accurate planning in 2021
- Collaborated with BA to understand user needs and recommend options utilizing and enhancing existing code, therefore reducing delivery time of new reporting functionality.
- Expanded DevOps knowledge by assisting the team transitioning from Jenkins pipeline to Gitlab using docker files and application yamls. After transition, the team is now able to utilize Gitlab's auto DevOps.

#### Associate Software Engineer - Planning Team

April 2019 - April 2020

- Enhanced Buy Worksheet functionality which allowed users to search Buy Worksheets and edit attributes.
- Developed new functionality for planning programs which greatly reduced the time planners spent completing repetitive tasks in the beginning of a planning season.
- Refactored code to decouple from Angular components so that they could be reused in the application.
- Transformed old batch scheduling framework to utilize Airflow therefore greatly improving the maintainability of the jobs.

#### Associate Software Engineer - Merchandise Service Delivery

January 2018 - April 2019

- Optimized data change request web application for semi-automating requests allowing for more control over the review process of the applications abilities.
- Worked with Splunk to extract log data for insight and monitoring which enhanced ability to identify errors.

#### Associate Software Engineer: Great Start

June 2017 - January 2018

##### Second Rotation: Merchandising Service Delivery

- Created Data Change Request tool utilizing AngularJs, Spring, and MongoDB which decreased the overall time for a data change request

##### First Rotation: Omni-Channel Fulfilment

- Implemented a data discrepancy tool during an inventory application transition to identify bugs or inaccurate data within the new application.

#### Software Engineering Internship - ServiceNow Team

Summer 2016

- Built automated regression test suite for ServiceNow using Selenium
- Improved ServiceNow's User Access Request page based on user feedback
- Collaborated with other interns to present an innovative project throughout the course of the internship

### LasX Industries

#### Software Engineering Internship

Summer 2015

- Established automated test cases for LightGuide, an in-house software, using Telerik's Test Studio which improved ability to find bugs in the UI.
- Produced manual tests for LightGuide, on the lasers, in the Research and Development area which lead to uncovering an edge case bug in the embedded software

## Software Projects

- Personal Website ([www.codyferguson.net](http://www.codyferguson.net))



## Technology

*Proficient:* Java, C#, Angular | *Familiar:* Spring, Javascript, Python, Git, React