



# Parker Fitzgerald

Consulting Analyst

## Professional Experience

- **CERNER:** Consulting Analyst | *Kansas City, MO* | *July 2017-Present*
  - ◇ Integrated client charge services data into the Cerner EHR system to ensure charges drop appropriately
  - ◇ Managed day-to-day client expectations for the charge capture framework
  - ◇ Fostered and maintained positive relationships with clients to promote a healthy, efficient work environment
  - ◇ Developed spreadsheet models to analyze the efficiency of the Cerner consulting methodology
  - ◇ Certified Revenue Cycle Representative
- **MARSHALLTOWN TOOLS:** Industrial Engineering Intern | *Fayetteville, AR* | *January 2017-May 2017*
  - ◇ Developed a spreadsheet model integrated with the warehouse management software to track incorrectly sorted packages. This analysis was used to assess different modifications that could be made to the conveyor system in order to better accommodate the widely varying volume of material being conveyed.
  - ◇ Worked with project engineers to design a tool board for a new production line
- **ABB TOTALFLOW:** OPEX Analyst/Manufacturing Engineering Intern | *Bartlesville, OK* | *May 2016-July 2016*
  - ◇ Modeled a constraint and capacity planning tool for management to use in scheduling the production and labor for any given week according to current manufacturing constraints on machines, parts, and labor
  - ◇ Designed and implemented new inventory control practices to ensure timely flow of product in and out of facility
  - ◇ Performed ergonomic and safety evaluations, redesigning workstations for efficiency and employee safety
  - ◇ Created a process map for the ABB TotalFlow manufacturing facility's production processes
- **HYTROL CONVEYER COMPANY, INC:** Engineering Intern | *Jonesboro, AR* | *May 2015-August 2015*
  - ◇ Designed and modified both 2D and 3D conveyor models using AutoCAD's Design Suite
  - ◇ Designed a ball transfer table to provide central support for products in the pallet wrapping mechanism to improve efficiency and output rate for the shipping department at Hytrol Conveyor.
  - ◇ Constructed spreadsheet tools for factory orders through Excel and Visual Basic

## Engineering Projects

- **DEVELOPED SUSTAINABLE RICE FARMING THROUGH IMAGE CLASSIFICATION** | *January 2016-May 2017*
  - ◇ Used a state-of-the-art neural network to accurately classify images of rice fields to develop a dataset
  - ◇ Wrote Python code to execute many instances of the image classification experiment to maximize accuracy
- **MODELED PREVENTIVE MAINTENANCE OF THE FEDEX FREIGHT VEHICLES TO MAXIMIZE FLEET AVAILABILITY** | *October 2016-May 2017*
  - ◇ Performed in-depth data analysis on fleet performance data using Microsoft SQL Server and Tableau to identify driving factors in component failure
  - ◇ Employed the concept of virtual age to fit the performance of the fleet through time to a statistical distribution using VBA simulation and Weibull++ software

## Education

- **UNIVERSITY OF ARKANSAS**
  - ◇ August 2013-May 2017
  - ◇ Honors Bachelor of Science in Industrial Engineering (3.96 GPA)
  - ◇ Graduated summa cum laude
  - ◇ Minor: Supply Chain Management

## Skills

- **VISUAL BASIC—EXCEL**
- **SQL**
- **DATA ANALYSIS**
- **STATISTICS**
- **JAVASCRIPT**
- **HTML**
- **TEAMWORK & COMMUNICATION**

## Leadership & Volunteering

- **PHILANTHROPY CHAIR**
  - ◇ Sigma Chi Fraternity
  - ◇ December 2013-May 2015
  - ◇ Organized fundraising events, such as Wings & Kings and Derby Days, which benefit the Little Rock Children's Hospital in Little Rock, AR
- **CHALLENGE APPRAISER**
  - ◇ Destination Imagination Inc.
  - ◇ Appraiser in 2018, Participant 2002-2013
  - ◇ Volunteered as a challenge appraiser for the Missouri State Affiliate Tournament
  - ◇ Participated in the program for 13 years, serving multiple team roles, principally focusing on the team's technical, engineering, and design needs