



EDUCATION

IUPUI, 3.85 GPA, Spring 2019
B.S. Double Major in Health Data Science and Informatics

SKILLS & INTERESTS

- R, SQL, Python
- Dashboards
- Exploratory Data Analysis
- Machine Learning

WORK EXPERIENCE

Data Scientist | ClusterTruck, Indianapolis, IN

August 2018 – December 2018

Data Scientist Intern

May 2018 – August 2018

- Performed thorough exploratory data analysis, searched for key insights to affect business decisions
- Monitored the performance of existing machine learning models to ensure accurate predictions
- Worked on customer spend prediction model to help target valuable customers through logistic regression methods
- Created actionable SQL dashboards to report AB Testing metrics, business metrics, and reports
- Made an interactive food issues dashboard with RShiny to pinpoint problematic areas and optimize food quality

Research Assistant | IUPUI, Indianapolis, IN

August 2017 – May 2018

- Participated in weekly graduate team meetings to discuss projects and progress
- Moderated exploratory user testing of interactive visualizations
- Automated the transcription process and segmented user sessions for data analysis
- Cleaned and tidied datasets with R for quick and easy insights
- Built an interactive RShiny application to quickly explore the datasets and answer user's hypothesis

Business Analyst Intern | Cummins, Columbus, IN

May 2017 – August 2017

- Built Power BI dashboard for recon team leaders to inquire needed KPI information
- Created KEMS-supply chain MSBI application; Requirements, ETL, Data mart, Power BI
- Made communications Power BI dashboard for CIO and IT leaders to increase analytic production
- Create and lead team meetings with Outlook for progress updates and to present project to stakeholders

PROJECTS

Opioid Overdose Analysis

November 2017

- Cleaned, aggregated, and tidied data using R for exploratory data analysis
- Visualized data using R's ggplot2 library for insights on death count and location
- Ran simulations with data to show future range possibilities for overdoses based off drug and year
- Built Poisson model to predict overdose count based on drug, location, and year

Web Scraping World of Warcraft Weapons

January 2018

- Navigated the DOM to capture desired element values
- Used R's RSelenium and rvest library to capture live data on webpages
- Constructed a R script to automate the complete web scraping process
- Made a data frame with captured data to save to a csv file for future data analysis

AWARDS AND ACHIEVEMENTS

- Xtern class of 2018
- Active participant in Health Data Science hackathons to learn analytic skills and solve real world problems
- Volunteer for Child Advocates, working with a team to gain insights on volunteer trends
- Active donator for Be the Match for those in need of bone marrow
- Coding and statistic certificates earned from Udemy, Lynda, and edX
 - Udemy: R Programming A-Z, SQL and Database Design A-Z, Power BI A-Z
 - edX: Analyzing and Visualizing Data with Power BI
 - Datacamp: R for Data Science career track, python programming track, and RShiny courses
- Guinness world record for the world's largest calzone with Rullis 2014