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EDUCATION	SKILLS & INTERESTS

EDUCATION
IUPUI, 3.84 GPA, Spring 2019
B.S. Double Major in Health Data Science and Informatics

SKILLS & INTERESTS
- R, Python, SQL
- RShiny
- Web Scraping
- Machine Learning, AI

WORK EXPERIENCE

Research Assistant | IUPUI, Indianapolis, IN   August 2017 – Present
- Participate in weekly graduate team meetings to discuss projects and progress
- Moderate exploratory user testing of interactive visualizations
- Transcription and segmentation of user sessions for data analysis
- Clean and tidy datasets with R for quick and easy insights
- Built an interactive R Shiny application to quickly explore the datasets and answer user hypothesis

Project Manager Intern | IUPUI, Indianapolis, IN   August 2017 – December 2017
- Coordinate weekly meetings with stakeholders and development team
- Collaborate with stakeholders and development for weekly progress checks
- Served as a medium between the business team and development team

Business Analyst Intern | Cummins, Columbus, IN   May 2017 – August 2017
- Built Power BI dashboard for recon team leaders to inquire needed KPI information
- Job shadowed a data scientist and analytics manager for career insights
- 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
- Earned R and SQL certificates from Udemy to increase work production
- Create and lead team meetings with Outlook for progress updates and to present project to stakeholders

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PROJECTS

Opioid Overdose Analysis   November 2017
- Cleaned, aggregated, and tidied data using R
- 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
- Navigate the DOM to capture desired element values
- Used R's *RSelenium* and *rvest* library to capture data
- Construct a R script to automate the complete web scraping process
- Made a data frame with captured data to save to a csv file for data analysis

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AWARDS AND ACHIEVEMENTS
- 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
- Active participant in Health Data Science hackathons to learn to skills and solve real world problems
- Active donator for Be the Match for those in need of bone marrow
- Member of the School of Informatics and Computing Community Service Club
- Guinness world record for the world's largest calzone with Rullis 2014