

PARKER BARNES



EDUCATION

2022

University of Utah, Eccles School of Business

Master of Science, Business Analytics

📍 Salt Lake City, UT

3.95 GPA. Academic Scholarship, Lean Six Sigma Green Belt Certification

Capstone Project: ML tool predicting customer conversion in booking professional movers. Embedded in a custom R Shiny application

2020

Brigham Young University

BS, Statistics, emphasis in Data Science.

📍 Provo, UT

Double Minor in CS & Math. 3.8 GPA. Academic Scholarship



PROFESSIONAL EXPERIENCE

Present

May, 2022

Data Scientist

Nursa™

📍 Murray, UT

- Built a data pipeline that clusters facility networks based on clinician labor patterns, used to establish facility "metros".
- Developed internal R package that interfaces with company's databases.

- Automated monthly Stripe finance statements with RMarkdown; created tool in shiny to generate them interactively
- Created an interactive Shiny dashboard that maps facilities and clinicians and plots their metrics.

May, 2022
|
Dec, 2021

Data Scientist

PILYTIX

📍 Austin, TX

- Remodeled a client's A.I. pipeline by revamping SQL scripts to more accurately capture useful variables.
- Explored and visualized variables to assess their predictability.
- Trained and evaluated bayesian hierarchical models on selected

- variables to effectively predict "wins" and "losses" among sales opportunities
- Contributed to internal R packages and analysis framework to facilitate more efficient and standardized analyses across clients

Dec, 2021
|
May, 2021

Data Analyst

International Academies of Emergency Dispatch (IAED)

📍 Salt Lake City, UT

- Processed data requests for various stakeholders in the company by querying databases and visualizing in Power BI
- Re-engineered automated data pipelines for company public-facing dashboards. Reduced memory

- usage and computation by 90% by applying STAR Schema principles.
- Automated agency data monitoring process using a combination of SQL, R, and 2 project management APIs

CONTACT INFO

✉ barnesparker1@gmail.com

🌐 [linkedin.com/parker-barnes](https://www.linkedin.com/parker-barnes)

🐦 twitter.com/paRkeRuser1

🔗 github.com/barnesparker

📞 +1 801-473-3295

SKILLS

Specialized in R and the [tidyverse](#)

Machine learning with [tidymodels](#)

Databases: PostgreSQL/Redshift, T-SQL, [dbplyr](#)

Visualization: ggplot2, Shiny, Power BI

Analytics Pipeline Development with [targets](#)

MLOps with Github, Docker, AWS

Other Skills: R package development, Python (pandas, scikit-learn), Power BI, Excel

This resume was made with [pagedown](#).

Last updated on 2022-10-06.