Austin Turvey

Junior Data Scientist

Contact

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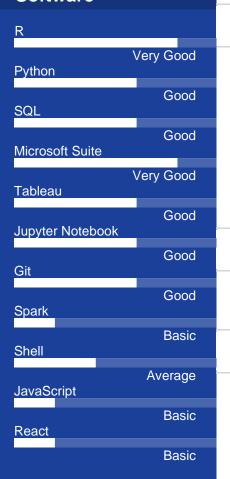
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Skills

Machine Learning Data Visualization Statistical Analysis **Data Mining Critical Thinking** Communication Teamwork Hypothesis Testing A/B Testing Data Cleaning/Munging Time Series Analysis Web Scraping / API's

Software



Passionate and driven junior data scientist with a strong focus on leveraging data within a team to provide insights on business acumen. Skilled in statistical inference, machine learning, data visualization, and data mining using R, Python, and SQL. Advanced knowledge of statistical theory, and A/B testing. Between work and academia, offering 3 years of experience within data science. Outside of data science, enjoys the great outdoors, snowboarding, music, and discovering new places!

Experience

01/2020 -06/2020

Academic Researcher - University of Oregon, Eugene, OR

- Researched and implemented optimal classification machinelearning algorithm to predict student graduation likelihoods.
- Collaborated with both stakeholders and industry experts to ensure the project would meet key requirements.
- Machine learning algorithm achieved strong results, resulting in advisors being able to identify at-risk students at 89% accuracy.
- Co-authored research paper discussing findings, received an award for "Best Documented and Written Code".

06/2019 -10/2019

Data Scientist Intern - Higher Logic, Portland, OR

- · Co-Developed new KPI which increased understanding of product usage across multiple business teams.
- In developing KPI, conducted exploratory analysis, and both time series and multivariate feature extraction.
- Communicated results to upper management and across departments, helping generate informed decision-making.
- Developed classification model for classifying users into various types according to engagement levels with the platform which improved understanding of user distribution and allowed for forecasting usage; translated benefits and costs of machine learning technology for non-technical audiences.
- Created clear and intriguing data visualizations, translating complex data sets into comprehensive visual representations.

Education

09/2020 -Current

Masters of Science: Applied Economics

University of Oregon - Eugene, OR

- Current GPA: 4.03 / Expected Graduation June 2021
- Concentration in econometrics, causal inference, big data, machine learning, and time series forecasting.

09/2016 -06/2020

Bachelor of Science: Applied Economics

University of Oregon - Eugene, OR

- Final GPA: 4.13 / Summa cum laude / Departmental Honors
- Minors in Computer Science and Business Administration.

Certifications

05/2020 04/2020 SQL For Data Science - Coursera Data Wrangling, Analysis and AB Testing with SQL - Coursera

Technical Skills

Machine Learning: Regression (OLS, Logistic, Shrinkage), KNN, K-Means, Ensemble Methods, SVM, Neural Networks, ARIMA, VAR.

Coding Libraries: Tidymodels, Tidyverse, Dplyr, GGplot, SparklyR, data.table, Pandas, Numpy, Matplotlib, Seaborn, SKlearn, Scikit-learn.