

# Austin Turvey

Junior Data Scientist

## Contact

### Address

Eugene, OR, 97403

### Phone

541 - 514 - 0708

### E-mail

austinalan98@gmail.com

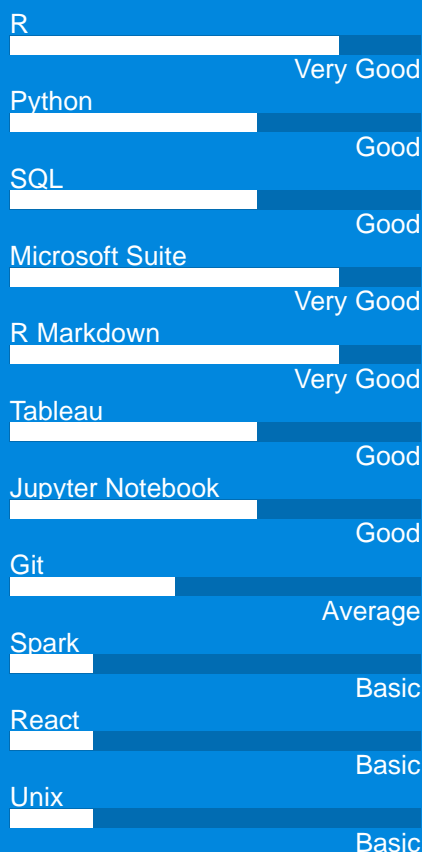
### LinkedIn

linkedin/in/austin-turvey

## Skills

Machine Learning  
Data Visualization  
Statistical analysis  
Data Mining  
Statistical Modelling  
Critical Thinking  
Communication  
Teamwork  
Hypothesis testing  
Experiment Design

## 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, prediction, data visualization, and data mining using R and Python. Advanced knowledge of statistical theory, statistical modelling, and hypothesis testing. Between work and academia, offering 3 years of experience. Continuously learning new skills and techniques to become a more valuable team member.

## Experience

2019-06 -  
2019-09

### Data Science Intern

*Higher Logic, Portland, OR*

- Worked collaboratively with the data science team to develop KPI allowing for better performance monitoring of Higher Logic's tenants.
- Conducted exploratory analysis, feature importance, and both time series and multivariate predictions, helping create KPI.
- Communicated results to upper management and across departments, helping generate informed decision making.
- Researched and began development on classification model for classifying users into various types according to engagement levels with platform; translated benefits and costs of machine learning technology for non-technical audiences.
- Created data visualization graphics, translating complex data sets into comprehensive visual representations.

## Academic Research

### Predicting Student Graduation and Dropout Probabilities Using Gradient Boosting - Completed June 2020

- Utilized R and machine learning libraries.
- Has led to better targeting of advising at the University of Oregon, bettering student outcomes

### Oregon Cities and Vehicle Collisions: How Does Population Size and Law Enforcement Presence Affect Crash Frequency? - Completed March 2021

- Utilized R to assess impact and effectiveness of increased policing on crash frequency within Oregon.

## Education

2020-09 -  
Current

### Master of Science: Applied Economics

*University of Oregon - Eugene, OR*

- Current GPA: 4.0 / Expected Graduation June 2021
- Concentration in data analytics, econometrics, big data, machine learning, and time series forecasting.

2016-09 -  
2020-06

### Bachelor of Science: Applied Economics

*University Of Oregon - Eugene, OR*

- Final GPA: 4.13
- Graduated summa cum laude with departmental honors.
- Minored in Computer Science and Business Administration.

## Certifications

2020-05  
2020-04

SQL For Data Science - Coursera

Data Wrangling, Analysis and AB Testing with SQL - Coursera

## Technical Skills

**Models:** Regression (OLS, Logistic, Shrinkage), KNN, Ensemble Methods, SVM, Neural Networks, ARIMA, VAR.

**Libraries:** Tidymodels, Tidyverse, Dplyr, GGplot, SparklyR, Leaflet, ROSE, Flexdashboard, Pandas, Numpy, Matplotlib, Scikit-learn.