

Connor Anderson

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Data scientist and machine learning engineer with experience in data acquisition, data engineering (Python, SQL), statistical analysis, and machine learning (Pandas, NumPy, Scikit-Learn, TensorFlow). I am motivated by a passion to contribute to our society, and as a former collegiate baseball player, I understand the commitment, dedication and discipline it takes to represent something bigger than yourself.

TECHNICAL SKILLS

Data Prep, Engineering and Machine Learning: Python, Pandas, Keras, NumPy, Scikit-Learn, Selenium

Data Storage and Control: Git, Github, AWS EC2, SQL, PySpark, PostgreSQL

Data Visualization: Matplotlib, Plot.ly, Seaborn

Deployment: Flask, Brython, AWS, HTML/CSS

TECHNICAL PROJECTS

NextPitch - [Github/Website](#)

Web application that uses machine learning and user input to predict pitches in MLB games.

- + Acquired over 800,000 rows of MLB game data using an MLB StatsApi while using Selenium to scrape player data.
- + Constructed a transformative data pipeline with Python to gather, clean, and prepare data for modeling.
- + Trained a Gradient Boosted Trees Model with 70% F1 and Accuracy Scores.
- + Deployed as a functional web application using Flask and AWS.

Hypothesis Testing European Soccer Leagues - [Github](#)

Performing statistical tests to determine differences between European Soccer Leagues

- + Migrated 25,000 rows of data from CSV files into a PostgreSQL database.
- + Built custom tables with domain knowledge using SQL queries and performing Pandas merges.
- + Determined sample size by using power testing, then utilized bootstrapping to work with small sample sizes.
- + Calculated p-value using two-tailed T-tests to determine the statistical significance of our findings.

Predicting King County Housing Prices - [Github](#)

Using Linear Regression to help predict ROI on home remodels.

- + Imported 20,000 rows of housing data from CSV using Pandas.
- + Performed EDA, identified skewed distributions, normalized data and trained a linear regression while experimenting with features to optimize model performance.
- + Used RMSE, MAE and R-Squared metrics to analyze performance, as well as identifying coefficients for business understanding.

PROFESSIONAL EXPERIENCE

Northwest Administrators, Inc., Seattle, Washington

Corporate Accounting Intern, 05/2018- 03/2019

- + Streamlined financial statement review process by creating a standardized excel template - cutting review time by 80%.
- + Partnered with trust accountants to reconcile monthly bank statements and invoices for one of the world's largest trusts while recognizing consistent errors and recommending solutions.
- + Worked alongside corporate accountants weekly to accurately enter accounts payables using Bill.com.

Collegiate Baseball Player, Sept 2014 - May 2018

- + Dedicated over 40 hours weekly to baseball activities while excelling in the classroom as a full-time student.
- + Served as Team Captain on Yakima Valley College's championship-winning team, and was awarded 2016 YVC Student-Athlete of the Year.
- + Developed essential teamwork and organizational abilities outside the playing field, learning the skills needed to tackle real-world circumstances in both business and life.
- + Created lasting relationships with coaches and teammates from all over the United States and Latin America while learning how to create a productive and encouraging environment with people of different cultures.

Contemporary Services Corporation, Nashville, Tennessee

Event Staff, Aug 2016 - Dec 2016

- + Welcomed and guided guests, performed security checks, and helped maintain a safe environment as part of a 20+ team.

EDUCATION

Flatiron School ▪ Seattle, Washington

Full-Time Immersive Data Science Program

April 2019

Concordia University, Nebraska - Seward, NE

- + Degree: B.S. Business Administration with a concentration in Accounting.

Class of 2018