

David Holcomb

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I am a data scientist and project manager, leveraging prior experience in residential architecture to apply creativity to data informed solutions and graphically communicate results.

SKILLS

- Python | SQL | Data Wrangling | Git | Tableau | Numpy | Pandas | Machine Learning | Deep Learning | NLP | Bayesian Statistics
- Project Management | Data Story Telling | Leader | Microsoft Office

PROJECTS

COACH AI | Basketball Strategies | Clustering & Reinforcement Learning

- Data Scraping, Data Cleaning & Feature Engineering, and Exploratory Data Analysis to provide background into the way basketball has changed.
- Using an Unsupervised Learning clustering method called K-Means, I clustered players by playing style rather than traditional positions. I then used a machine learning method called Q-Learning to test how an agent would play a simplified game of basketball based on Bayesian Statistics.

PARLIAMENT INVESTING | Social Media Investing Strategy | Natural Language Processing (NLP)

- I used TFIDF and logistic regression to classify posts based on their sentiment scores.
- I scraped data from Reddit, using Beautiful Soup. Moved to Exploratory Data Analysis, VADER sentiment score and NLP to see how posts were classified.

EXPERIENCE

DATA SCIENCE FELLOW | General Assembly Data Science Immersive | Dec 2020 - March 2021

- Participated in full-time immersive Data Science course, completing in-class projects, hackathons, and personal projects focused on real-world applications of data science principles and best practices.
- Developed a portfolio of individually and collaboratively focused in-class projects.

PROJECT MANAGER | Charlotte Worthy Architects | June 2013 - Dec 2020

- I created and tracked the project schedules which contained information for building components being used in construction.
- I established and documented standards for developing formal documentation to be submitted for official review.
- I worked with engineers and contractors to design complex systems that functioned to the client's standards.

EDUCATION

DATA SCIENCE FELLOW | General Assembly Data Science Immersive | Dec 2020 - March 2021

MASTER OF ARCHITECTURE | Parsons The New School | Sept 2009 - June 2012

BACHELORS OF ARTS | University of California, Davis | Sept 2004 - June 2008