

David Holcomb

(646) 234-8017 | davidcholcomb@gmail.com

<https://davidcholcomb.com> | <https://github.com/davidcholcomb>

I am a data scientist, leveraging my 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 | PySpark
- Project Management | Visual Communication | Leader | AutoCAD | Rhino | Photoshop

PROJECTS

COACH AI | Basketball Strategies for a Modern Positionless Game

- Data Scraping, Data Cleaning & Feature Engineering, and moved into Exploratory Data Analysis to provide background into the way basketball has changed.
- Using an Unsupervised Learning 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.

PARLIAMENT INVESTING | Investing Strategy Based on Social Media

- I used TFIDF and logistic regression to classify posts based on their sentiment.
- I scraped data from Reddit, cleaned it and did Feature Engineering. Moved to Exploratory Data Analysis, VADER sentiment score 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 worked on multimillion dollar new homes and renovations, starting with initial site design and schematic, I prepared drawings in AutoCAD for presentation, committee review, bidding, permits and documents for construction.
- I organized the team and managed deadlines to make sure the project was built on schedule.

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