**James Cadigan**

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**Summary**

Data analyst with a background in economics and accounting. Earned a certificate from Rutgers Data Science Bootcamp and a Bachelors of Arts in Economics from Bucknell University. Enthusiastic about using relational databases to manage financial data and then other programs to find insights within them. A proactive member of any team who values collaboration across diverse groups.

**Education**

**Rutgers University Data Science Bootcamp** June-November 2020

• 24-week intensive program covering data analysis in Python, relational databases such as PostgreSQL and

MongoDB, visualizations in JavaScript and Tableau, and other topics such as web development, web-scraping

and machine learning.

**Bucknell University,** College of Arts and Sciences*,* Lewisburg, PA

*Bachelor of Arts in Economics* May 2020

• Relevant course work: Accounting I-II, Calculus I-III, Financial Economics

• Semester Abroad: Fall 2019 in Barcelona, Spain

• Dean’s List Fall 2018, Spring 2020

**Milton Academy,** Milton, MA

**Technical Skills**

**Languages:** Python, R, JavaScript, HTML/CSS, PostgeSQL

**Applications:** Github, MongoDB, PostgresSQL, Flask, Command Line, Tableau

**Tools:** Excel, Scikit Learn, Tensorflow, Pandas, Jupyter Notebook, D3, Plotly, Beautiful Soup, Chromedriver

**Microsoft Excel**: Advanced methods in statistical modeling, prediction, pivot tables, and VBA scripting.

**Projects**

**Renewable Energy Visualizations | https://github.com/jamescadigan97/Project2\_Renewables.git**

• Created a Flask application that navigated through different html files.

• Created a web-scraping function through Flask to find recent articles and links.

• Designed Heatmap, choropleth and location marker graphs through Leaflet.

• Utilized JavaScript to design Sunburst visualization from Plotly library.

• Launched app though Amazon web services.

**Stock Predictor | https://github.com/jamescadigan97/stock\_predictions.git**

• Created a Flask application that navigated through different html files.

• Created a deep learning model that predicted stock closing prices based on opening prices.

• Created a deep learning model that predicted future stock closing prices based on previous closing prices.

• Utilized JavaScript to visualization from Plotly library.

• Launched app though Heruko.

**Work Experience**

**UBS,** *Wealth Management Intern,* Boston, MA**,**May-August 2019

• Researched the performance of bond managers and made recommendations based on relevant metrics.

• Summarized the payouts of varied structured products and made recommendations on the outlook of different markets.

• Generated portfolio reports from Aladdin and Morningstar.

• Organized securities of potential clients in order to create an overview of the assets.

• Created presentations for current and prospective clients, especially for retirees.

• Summarized news columns and articles detailing strategies pertaining to investing, retirement saving, etc.

**Adventis’ Financial Modeling Certification (FMC™) Program,** Brown University March 2018

• Built a three-statement financial model of a real company from “scratch” with circular schedules for working capital, capital expenditures, interest, and debt.