**Kevin P. Heaney**

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LinkedIn: <https://www.linkedin.com/in/kevin-heaney/> GitHub: <https://github.com/KPH3802> Website: [www.KevinPHeaney.com](http://www.KevinPHeaney.com)

Summary:

Data Scientist intellectually curious and passionate about implementing statistical models to solve business problems and applications. Former business owner, trader and recipient of an MBA. Strong business acumen, relevant experience and data science tools for decision making. Certificate of Data Analytics from Washington University in St. Louis McKelvey School of Engineering. Data Science for Financial Professionals Certificate.

Technical Skills:

Pivot Tables, VBA Scripting, Statistics Modeling, Statistics, Forecasting, Python 3, NumPy, Pandas, Matplotlib, API Interactions, MySQL, MongoDB, HTML, CSS, Bootstrap, Dashboarding, JavaScript, D3.js, Geomapping with Leaflet.js, Tableau, Big Data Analytics (Hadoop), and Machine Learning (Scikit-Learn, Keras,and Tensorflow).

Projects:

LA Parking Citations Analysis | <https://github.com/usn1485/LAParkingCitations/tree/Kevin>

* Analyzed parking citations from 2014-2019 in LA city limits.
* Used: Google Maps API, ANOVA, boxplot, Chi-square testing, OpenData API, JSON, Python and Pandas dataframes.

VBA Stock Review |<https://github.com/KPH3802/VBA-Stock-Review>

* Wrote a program to clean, format and analyze stock data.
* Used: Excel and Visual Basic for Applications.

Weather Python | <https://github.com/KPH3802/WeatherPy_WashU/blob/master/WeatherPy_WashU.ipynb>

* Generated a list of random cities.
* API call to pull data from the Open Weather Map website.
* Plotted the data for analysis.
* Used: Python, Matplotlib, Pandas, Numpy, Citipy.

Condo Building De-conversion | <https://github.com/KPH3802/CondoAnalysis>

* Analyzed a developer’s de-conversion bid on a high rise in Chicago’s Gold Coast neighborhood using real estate prices from 2014-2019 Zillow, Chicago Deed of Records.
* Used: Python, Pandas dataframes.

Experience:

Trean Group, LLC. – Chicago IL Broker 2018-2019

* Analyzed and interpreted market information then communicated that to customers, increasing daily volume by 25%.
* Executed trades in the Eurodollar Options Pit at the Chicago Mercantile Exchange.
* Managed team of clerks and educated them on options trading.

Galt Street Capital, LLC -Chicago, IL Investor / Trader / Partner 2017-2018

* Maintained trading and financial data records for the company utilizing Excel VBA and Python 3.6, Bloomberg Terminal and Bloomberg API.
* Programmed Excel and VBA coded spreadsheets to balance daily positions, settlements and profit and loss PIVOT tables that reduced settlement balancing from a two hours long process to instantaneous.
* Communicated, made markets for brokers and analyzed risk on Bloomberg terminal.

Constitution Capital, LLC. -Chicago, IL Owner/Broker 2009-2017

* Founded company with a partner and increased revenues by 250% even in unfavorable market conditions.
* Maintained all financial records for the company.
* Established, maintained and enhanced customer relationships major brokerage houses such as Goldman Sachs, Solomon Smith Barney, Credit Swiss and Union Bank of Switzerland (UBS).
* Developed international relationships and collaborated with Chicago Mercantile Exchange officials during a visit to China.
* Managed and oversaw the building of company website [www.ccapitalbrokerage.com](http://www.ccapitalbrokerage.com)

Education:

Washington University in St. Louis McKelvey School of Engineering - St. Louis, MO October 2019

Certificate of Data Analytics

New York Institute of Finance – New York, NY April 2018

Data Science for Financial Professionals Certificate

University of Chicago – Booth School of Business - Chicago, IL May 2015

Master of Business Administration

University of Missouri- St Louis - St. Louis, MO January 2000

Bachelor of Science Business Administration with Major in Finance

Community Involvement:

Member and Seat owner on the Chicago Mercantile Exchange 2006-current

Member of the Eurodollar Options Pit Committee 2017-2019

Nominating Committee / IOM Board of Directors of the Chicago Mercantile Exchange 2017-2019

Chairman Adam Smith Professional Society Chicago Chapter 2015-2019

Board of Directors of the Birdies for Bipolar Charity 2012-current

Young Leaders Council Advisory Committee of the Manhattan Institute 2015-2019

Board of Directors Chicago Youth Symphony Orchestra 2017-2019

Professional Development:

Passed Chartered Alternative Investment Analyst (CAIA) Level I - 2015

Passed Level I and II Hanyu Shuiping Kaoshi 汉语水平考试 Chinese Mandarin Standardize Exam - 2016