**Michael Considine**

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LinkedIn: https://www.linkedin.com/in/mconsidin/ | GitHub: <https://github.com/consimike>

Personal: <https://mike-c-personal.herokuapp.com/>

**Summary**

Highly skilled, dynamic individual seeking to integrate a bachelor’s degree in Industrial Engineering and current experience to develop professionally in a challenging process improvement or data analyst position within a progressive organization. Inspires confidence and trust in staff, management and diverse professional partners. Observant and quick-thinking, able to efficiently master new processes and quickly comprehend all aspects of complicated situations. Excel when working independently while performing exceptionally within a team. Gifted at translating big-picture vision into practical, strategic action plans for success.

**Technical Skills**

**Tools:** Microsoft Office, VBA, Python, R, Excel, HTML/CSS, JavaScript, Tableau

**Databases:** SQL

**Projects**

**Statistical Significance** | **https://github.com/griffinpeifer/TrilogyProject1\_group2**

* Performed an analysis on red light/speed cameras, and accidents in Chicago to see if there was any correlation to ride share, population, or weather
* I analyzed speed camera data to see where the most violations occurred, and if they were correlated to population or ride share.
* Tools / languages used: Python, Pandas, Matplotlib

**Stock/Sentiment Analysis** | **https://github.com/griffinpeifer/stock\_sentiment\_project** | [**https://mike-c-personal.herokuapp.com/video**](https://mike-c-personal.herokuapp.com/video)

* Created a webpage that displays a graph with the stock price depending on the date the user chose, high level financial information, top 5 articles from google finance, twitter sentiment based on what key word is typed in, a live updating pie chart of sentiment, and data table of tweets.
* I created the live updating table which displays tweets updating after a certain time interval, and colored green or red depending on if it is positive or negative. Also, helped with the design of the webpage
* Tools / languages used: Python, Pandas, Dash, Plotly, SQlite, Tweepy, VaderSentiment

**UFC Prediction** |[**https://github.com/griffinpeifer/UFCMachine**](https://github.com/griffinpeifer/UFCMachine)

Created a webpage that contains a spot for two fighters, where the user types the name of each fighter, and a prediction of the fight is generated

* I helped scrape and clean the data, as well as develop the model
* Tools / languages used: Python, Pandas, SQlite, Sklearn, Beautiful Soup

**Experience**

**Industrial Engineer** 2016-2019

**Juno Lighting Group** Des Plaines, IL

Worked on process and quality improvements through Kaizen events and root cause analysis. Was responsible for maintaining quality standards, 5S scores, organizing Kaizen events where I had to train my team, and safety in my section of the plant. Created detailed analysis and presented every month to upper management on what I was currently doing/going to do to improve quality and productivity.

*Key Accomplishments:*

* Won an internal Kaizen competition graded by an external consultant where my team gained a 35% productivity improvement, and 0% defect rate due to manufacturing. This was proven to the consultant and upper management on the last day of the event.
* Led 11 Kaizen events, and participated in 20, where an average of 35% productivity improvement was achieved.
* Brought 1 new product onto the factory floor, where I created the workspace, bought machines, and ran a successful launch.
* Led a multimillion-dollar scrap project where I analyzed data and sent it to management to show the updated progress

**Education**

**Bootcamp Certificate: Northwestern,** Chicago, IL

A 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

**Bachelor’s Degree in industrial engineering: University of Illinois at Chicago**, Chicago, IL