MICHAEL D. CONSIDINE

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

*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*

***Areas of Strength***

*Inspire 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.*

***Project: Statistical Significance,*** <https://github.com/griffinpeifer/TrilogyProject1_group2>

* Performed analysis on red light/speed cameras, and accidents in Chicago to see if there was any correlation to ride share, or population
* Analyzed Speed Camera data to see where the most violations occurred, what setting, and if they are correlated to population/rideshare using a T-Test
* Languages: Python/Pandas/Matplotlib

***Project: Stock/Sentiment Analysis,*** <https://github.com/griffinpeifer/stock_sentiment_project>

* Helped create a webpage that displays a stock with its graph, high level financial information, and 5 most recent articles from google finance
* Using tweepy and the twitter api, scrapped tweets and plotted them in a pie chart with live information stored in a SQLite database, and a live updating table with tweets and their corresponding sentiment
* Languages: Python/Pandas/Dash/Plotly/SQLite/Tweepy/VaderSentiment

***Education****:* ***Bootcamp Certificate: Northwestern Data Science,*** *Chicago Illinois Expected Graduation Date: October 2019*

*An intensive program focused on gaining technical programming skills in Excel, VBA, Python, SQL Databases, basic HTML/CSS, Tableau, and JavaScript*

***UNIVERSITY OF ILLINOIS AT CHICAGO****, Chicago, Illinois Conferred 2015 Bachelor of Science Degree in Industrial Engineering*

*- GPA 3.23/4.0*

***Curriculum:***

* *Work Productivity Analysis*
* *Regression Applications and Forecasting*
* *Quality Control and Reliability*
* *Probability and Statistics*
* *Financial Engineering*
* *Design of Experiments*

* *Operations Research*
* *Plant Layout*
* *Product Plan and Inventory Control*
* *Safety Engineering*
* *Ergonomics and Human Factors*
* *Manufacturing and Process Principles*

***Work Experience:*** *JUNO LIGHTING GROUP,* Des Plaines, Illinois April 2016 – January 2019

***Industrial Engineer***

* Responsible for creating process codes on numerous products
* Led 11 and worked as an integral part of a team in 20 Kaizen events where at least 35% productivity improvement and 0 defect compliance were achieved
* Led a Kaizen event where my team won against 2 others, due to the greatest proven improvements with a 35% productivity and 100% quality.
* Provided teams with their necessary background information to succeed in their Kaizen events
* Knowledgeable in the practice of the Kanban system
* Analyzed and performed time studies on over 100 products to re-balance cell processes and develop standard work
* Increased 5S standards on the factory floor from less than 1 to over 3
* Introduced a new product onto the factory floor, refitted an existing work area so no extra area was necessary, and made the necessary changes for manufacturability
* Led a multimillion dollar scrapping project, and performed the analysis on what to scrap

**Software:** Proficient in Microsoft Office, BAAN, Oracle, VBA**,** Python, SQL, Excel, HTML/CSS, JavaScript, Tableau