**Gabe Thesing**

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Portfolio: [gthesing.github.io/portfolio](https://gthesing.github.io/portfolio) | GitHub: [github.com/gthesing](https://github.com/gthesing)

**Summary**

Data Analyst with an educational background in physics. Effective at filtering through the noise in datasets and making actionable insights. Constantly looking for new strategies to streamline processes and make projects progress more efficiently. Recognized by employers for attention to detail and desire to learn and improve every day.

**Technical Skills**

**Languages:** Python, SQL, JavaScript, HTML, CSS, R, VBA

**Applications:** Tableau, Git Bash MySQL, Matlab, Excel, Microsoft Office, MongoDB

**Libraries:** Pandas, Matplotlib, NumPy, Flask, D3, Plotly, SQLAlchemy, Selenium, BeautifulSoup, Keras, Scikit-Learn

**Projects**

**Wine Reviews ETL | Repository:** [github.com/gthesing/wine-ETL](https://github.com/gthesing/wine-ETL)

* ETL group project using wine reviews from Kaggle dataset, which were filtered and combined with geographical data retrieved using Google API
* Core responsibilities included exploration cleaning, and combining of data, SQL database schema design, and loading of data to database
* *Python, Pandas, API requests, MySQL, SQLAlchemy, PyMySQL*

**Mars Webscrape | Repository:** [github.com/gthesing/10-mars-mission-webscraping](https://github.com/gthesing/10-mars-mission-webscraping)

* Webscraping project that collects and displays on a locally hosted HTML page recent information and images related to Mars, taken from multiple websites
* *Python, BeautifulSoup, Splinter, MongoDB, Flask*

**D3 Interactive Chart | Repository:** [github.com/gthesing/13-D3-interactive-plotting](https://github.com/gthesing/13-D3-interactive-plotting) **| Project:** [gthesing.github.io/projects/D3interactive](https://gthesing.github.io/projects/D3interactive)

* Interactive D3 scatter plot with variable series based on user selection
* *JavaScript, D3, HTML/CSS*

**NYC Citibike Visualization | Project:** [gthesing.github.io/projects/citibike](https://gthesing.github.io/projects/citibike)

* Tableau dashboard visualizing trends in Citibike usage and customers in New York City
* *Tableau, Python, Pandas*

**Education**

**Data Anaysis and Visualization Certificate**

University of Texas – McCombs School of Business

*2018 – 2019*

**Bachelor of Science in Physics with Biology concentration, Minor in Spanish language**

Clemson University

*2012 – 2017*

**Experience**

Barista | Bakehouse Bakery Café, Charleston, SC | 2018

Brewer’s Assistant/Cellar hand | Two Blokes Brewing, Mt. Pleasant, SC | 2017

Intern | Brewery 85, Greenville, SC | 2017

Office of Athletic Academic Services Attendance Monitor | Clemson University | 2016