Tim Lindner

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https://linkedin.com/in/timothyslindner | <https://github.com/>[tslindner](https://github.com/tslindner) | <https://tslindner.github.io/>

**PROFESSIONAL SUMMARY**

Former Chemistry teacher and recent graduate of George Washington University’s Data Analytics Bootcamp. Background in Chemistry proves a high level of comfort with analytical assessment under several layers of abstraction. Experience in education lends to a presenting and communication style that is easy to follow, and good for breaking down complicated topics.

**TECHNICAL SKILLS**

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Data Analytics:** | **Data Storage:** | **Visualization:** | **Web Development:** | **Additional Programs:** |
| Python | MongoDB | MatplotLib | HTML | GIT |
| Pandas | PyMongo | Tableau | CSS | GitHub |
| NumPy | MySQL | Plotly | Javascript | Excel |
| PySpark | SQLAlchemy | D3.js | Flask | Word |
| SciKit Learn |  | Leaflet.js | Heroku | Jupyter Notebooks |
|  |  |  |  |  |

**PROJECTS**

**DC Real Estate Dashboard**

https://github.com/tslindner/DC-Real-Estate-site

* A mock real estate site showing open listings in Washington DC.
* Lead developer in group of four.
* Built back end Flask server using SQLAlchemy to store dataset.
* Built user facing interface for filtering data.
* Deployed online using Heroku: https://real-estate-dc.herokuapp.com/

**Exploring Usability of Various Machine Learning Algorithms for Text Classification**

https://github.com/tslindner/Script-Text-Classification-ML

* A dashboard for viewing the results of using different algorithms in a text classification project.
* Data Manipulation and machine learning using Jupyter Notebook and scikit-learn.
* Built back end using a Flask server.
* Built front end using JavaScript with Plotly.js.
* Deployed online using Heroku: https://futurama-text-classification.herokuapp.com/

**EXPERIENCE**

**Langley High School** August, 2016 – June, 2017

*Chemistry teacher/Honors Chemistry teacher*

* Taught two sections of chemistry and three sections of honors chemistry with an average of 30 students each
* Wrote and graded tests, assembled lesson plans, and managed labs according to state safety regulations
* Caught the classes up with the other students in the county after a difficult first month of substitutes

**EDUCATION**

**George Washington University, Washington D.C.** August, 2018

Data Visualization Boot Camp

The course covers Advanced Excel, Python (Pandas, MatPlotLib, SQLAlchemy) , JavaScript (D3.js, Leaflet.js), HTML/CSS, API Interactions, Social Media Mining, SQL, Tableau, Advanced Statistics, Machine Learning, R, Git/GitHub, and more.

**The College of William and Mary** May, 2016

Bachelor of Science | Chemistry