Tim Lindner

timothyslindner@gmail.com | 703-268-6025 | Reston, Virginia

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 |
| R |  |  |  |  |
|  |  |  |  |  |

**PROJECTS**

**DC Real Estate Dashboard**

<https://github.com/tslindner/Real-Estate-Visualization-DC>

* A mock real estate site showing opening 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://gwu-real-estate-project.herokuapp.com/>

**Weather Tracker**

https://github.com/tslindner/API-challenge

* A weather tracker that tracks temperature, humidity, wind speed, and cloud coverage.
* Built in Jupyter Notebook with the Pandas and Matplotlib libraries.

**The Effects of Cannabis Legalization**

https://github.com/tslindner/Effects-of-Cannabis-Legalization

* A modular notebook used to find the relationships between population, crime rate, and cannabis legalization.
* Lead developer in a group of five.
* Built as a modular jupyter notebook using Pandas and Matplotlib libraries.

**EXPERIENCE**

**Langley High School** 08/2016-06/2017

*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.** 08/2018

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** 05/2016

Bachelor of Science | Chemistry