

# Tim Lindner

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## 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 a 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/>

### 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

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