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

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