

Tony Wang

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GitHub: <https://github.com/tonywang3571>

Portfolio: (<https://tonywang3571.github.io/Portfolio/>)

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Summary

Multidisciplinary, motivated software developer with a passion for solving problems and technical thinking situations. Adept at working independently and collaboratively with teams across multiple functions to take information and effectively break down concepts into layman terms to diverse audiences. Recently earned a Certificate in Data Analytics and Visualization from Washington University - St. Louis.

Technical Skills

Data analysis: Python (Jupyter notebook, Pandas, Matplotlib, Numpy), SQL (PostgreSQL, pgAdmin), Apache Spark (PySpark), Google Collaboration, Amazon Web Service (RDS, S3), Machine Learning (scikit-learn, imbalance-learn), neural network (deep learning), R, Tableau, MongoDB, Flask, Excel, VBA

Web development: Javascript (Plotly, D3, Leaflet), HTML, CSS, Bootstrap, API

Data Analysis & Visualization Projects

Portland Real Estate (<https://portland-airbnb-zillow-finder.herokuapp.com/>)

- Interactive webpage to find Airbnb and Zillow listings and an investment ROI calculator.
- Filter tables and maps for listings, investment ROI calculator and predictive models.
- HTML, CSS, Bootstrap, JavaScript, API (Mapbox), Tableau, Python, Jupyter notebook, Machine Learning

UFOs (<https://tonywang3571.github.io/UFOs/>)

- Dynamic webpage to allow user input to filter through UFO data.
- Build filters to accept and sort data. Build an interactive webpage to display data and our filter application.
- JavaScript, HTML, CSS, Bootstrap

World Weather Analysis ([https://github.com/tonywang3571/World Weather Analysis](https://github.com/tonywang3571/World_Weather_Analysis))

- Using openweathermap and gmaps API to create a database of nearby cities for potential vacation destinations based on temperatures. As well as an itinerary of different cities within the area.
- Python, Jupyter notebook, API (openweathermap and Google Maps)

Experience

Physical Therapist Assistant

CORE Services, INC

Sept 2020 - Present

St. Louis, MO

- Provide therapy treatment techniques per individual patient needs.
- Critical thinking and collaboration to modify treatment as the patient tolerates.
- Detailed documentation of treatment sessions for clear communication with team members.

Physical Therapist Assistant

Washington University - St. Louis - Outpatient Clinic

May 2017 - Aug 2020

St. Louis, MO

- Provide therapy treatment techniques per individual patient needs.
- Critical thinking and collaboration to modify treatment as the patient tolerates.
- Detailed documentation of treatment sessions for clear communication with team members.
- Develop community outreach content to increase running and rock climbing clientele.

Education

Washington University - St. Louis

Data Analytics Certificate

Nov 2021 - May 2022

St. Louis, MO

Metropolitan Community College - Penn Valley

Associate of Applied Science in Physical Therapy Assistant

Aug 2014 - May 2016

Kansas City, MO

Truman State University

Bachelor of Science in Exercise Science

Aug 2008 - May 2012

Kirksville, MO