

Tony Wang

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

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

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Summary

Multidisciplinary, motivated data analyst with a passion for solving problems and technical thinking situations. Adept at working independently and collaboratively with teams. 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), R, Tableau, MongoDB, Flask, Excel, VBA

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

Data Analysis & Visualization Projects

Bike Sharing ([CitiBikes Challenge](#) | [Tableau Public](#))

- Visual presentation of NYC bike share data for a proposal to start a bike share service in Des Moines, Iowa.
- Analyze data to create charts and heat maps of potential relationships. Create a presentation story to share our findings in a cohesive manner.
- Tableau, Python, Jupyter notebook

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

Employee Database (<https://tonywang3571.github.io/Pewlett-Hackard-Analysis/>)

- Using SQL to explore and organize employee roles and potential retiring employees.
- Write queries and create tables to build an employee database.
- pgAdmin, PostgreSQL database

Experience

Physical Therapist Assistant

CORE Services, INC

Sept 2020 - Present

St. Louis, MO

- Patient care and therapy treatment techniques
- Critical thinking and communication to modify treatment as needed
- Clear documentation of treatment provided

Physical Therapist Assistant

Washington University - St. Louis - Outpatient Clinic

May 2017 - Aug 2020

St. Louis, MO

- Patient care and therapy treatment techniques
- Critical thinking and communication to modify treatment as needed
- Clear documentation of treatment provided
- Developed community outreach content for running and rock climbing.

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