

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, 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

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

Credit-Risk Analysis(https://github.com/tonywang3571/Credit_Risk_Analysis)

- Using different models of supervised machine learning to predict credit risk of loans.
- Create confusion tables/matrix to analyze accuracy score, precision, and sensitivity of six different supervised machine learning models.
- Python, Jupyter notebook, Machine Learning, scikit-learn, imbalance-learn

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