Max Vu

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DATA SCIENTIST

Data Scientist with a background in building reliable data pipelines and models. Seeking a collaborative work environment where data engineering and data analysis skills can provide the business intelligence to support strategic decision making.

TECHNICAL SKILLS

General: ETL Pipelines, Data Visualization, Data Wrangling, Data Structures, Web Apps, Machine Learning, Natural Language Processing, Descriptive Statistics, Statistical Learning
Languages: R, Python, SQL, PostgresQL, Swift
Statistical Methods: Linear Regression, Logistic Regression, Decision Trees, Random Forests
Libraries: scikit-learn, TensorFlow, numpy, pandas
Project Management: Git, Jira, Confluence
Visualization: Tableau, RShiny
Related Skills: UNIX shell scripting, Jupyter Notebook, Technical Writing, Technical Demonstrations

WORK EXPERIENCE

Kaiser Permanente, Oakland, CA
Data Management Intern, June 2022 – November 2022
Worked with a team of developers to help the organization better understand and report on healthcare provider data.

- Built automated ETL pipelines to extract provider info from healthcare company APIs.
- Cleaned and validated data, conducted geospatial analysis and computed summary statistics.
- Created a web app that showcased an interactive map and summary statistics to present in a technical demonstration to department managers.

EDUCATION

Bachelor of Arts (B.A), Data Science
UC Berkeley, Berkeley, CA

PROJECTS

Movie Metrics, January 2023 – Present

- Use IMDB's API to extract information about movies and personal profile, generate summary statistics about personal tastes, then use machine learning to predict which movies match personal preferences the best.

NBA Hall of Fame Predictor, October 2022 – December 2022

- Use NBA's API to extract statistics about NBA players, use machine learning to predict which players will be inducted into the Hall of Fame based on their stats/accolades.

UCB Course Recommender, Jan 2022 – May 2022

- Worked with a team to create a web app that recommends courses to UCB students based on their schedules, degree requirements, and interests.