Max Vu

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DATA ANALYST

Data Analyst with a background in extracting and transforming data, conducting statistical analysis, and creating dashboards. Seeking a collaborative work environment where data engineering and analysis skills can provide the business intelligence to support strategic decision making.

TECHNICAL SKILLS

General: Data Visualization, Machine Learning, ETL Pipelines, Object Oriented Programming
Languages: R, Python, SQL
Version Control / Project Management: Git, Jira, Confluence
Visualization: RShiny, Tableau, Power BI, Lucidchart, HTML, CSS
Related Skills: MS Excel, Word, PowerPoint, Google Sheets, Jupyter Notebook, DAX

WORK EXPERIENCE

Kaiser Permanente (Oakland, CA)
Data Management Intern, June 2022 – November 2022
Worked with a team of developers to analyze and report on healthcare provider data.

- Built an automated ETL pipeline that extracts data from healthcare company APIs.
- Conducted geospatial analysis to validate provider location data.
- Presented a dashboard to managers that showcased summary statistics and an interactive map of provider locations.
- Empowered department to make better strategic decisions by improving our understanding of how providers are distributed throughout the US.

EDUCATION

Bachelor of Arts (B.A), Data Science (Dec 2022)
UC Berkeley, Berkeley, CA

PROJECTS

Chess Engine, September 2023 – Present

- Working on creating a simple chess AI that can be played against in the command line.
- Algorithms/Techniques: minimax, alpha-beta pruning

Technology/Tools: Python

Movie Metrics, January 2023 – Present

- Working on a web app that generates a summary of user's movie preferences, such as most watched actors/actresses, favorite genres, average runtime, etc.
    - Data Source: IMDb.

Technology/Tools: R, Python, Tableau, Power BI

NBA Hall of Fame Predictor, October 2022 – December 2022

- Used machine learning to predict which NBA players will be inducted into the Hall of Fame, based on their stats and accolades.
    - Data Source: NBA's API
    - Models: logistic regression, decision trees, random forest models, etc.
- The final model had 99.8% accuracy, 97.3% recall, and 100% precision.

Technology/Tools: Python, Jupyter Notebook