Brett Dickinson

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EMPLOYMENT

Adventist Health

Leader, Special Projects, Mendocino County, CA · Mar. 2023 - Current
- Creating an analytics strategy to track and improve health outcomes for over 50,000 local health plan members.
- Building and automating monthly scorecards and daily metric reports for driving quality improvements and improved operational efficiencies.
- Setting up data flows and reports for tracking recurring visits for 700+ pacemaker patients.

Senior Financial Analyst, Mendocino County, CA · Dec. 2019 - Feb. 2023
- Collaborate with operational and clinical leaders to build tools for measuring process improvement in medication reconciliation management, inpatient throughput, and overtime utilization.
- Build pro formas using internal and market benchmarks to forecast financial performance for capital projects.
- Create and automate the data pipelines and reports for daily productivity reports.

In Financial Analyst role from Dec 2019 - Feb 2021.

Finance Resident, Roseville, CA · June 2018 - Nov. 2019
- Compiled disparate data sources and built a dashboard for internal reporting of investment portfolio performance and monthly balance sheet ratios.
- Managed the data collection for and filing of property taxes for more than 20 hospitals.
- Prepared investor materials and post-issuance reports for tax-exempt bond financing exceeding $1B.

EDUCATION

Springboard Data Science Career Track, Certification · Dec. 2022 - Aug. 2023
Intensive course in data science, machine learning, Python, and SQL with 1:1 industry mentor oversight.

Pacific Union College · Sept. 2013 - June 2018
Bachelor of Business Administration Accounting

SKILLS

Software and Programming Languages: Python (Scikit-learn, numpy, spicy, pandas), SQL, Tableau, Excel
Data and Machine Learning: Data Wrangling, Data Cleaning, Classification, Regression, Feature Engineering
Artificial Intelligence: Language Models, Prompt Engineering, LangChain

PROJECTS

SQL Copilot: AI Text-to-SQL Tool · June 2023 - Current
A no-cost tool using generative language models to convert common language questions to SQL queries and return answers from a database.

Predicting the Health of Seattle's Urban Tree Cover · Mar. 2023 - May 2023
A prediction model using random forest classification to forecast the health of Seattle's urban tree cover.

VOLUNTEERING

Springboard, *Peer Mentor* · Aug. 2023 - Current
Offer support and share useful resources to data science students.

ADRA International, *Student Volunteer* · Sept. 2015 - June 2016
Dhaka, Bangladesh
Program planning and marketing for ADRA, a developmental and relief agency, and their programs in Bangladesh.

INTERESTS

Interests, Golf, reading, hockey, coffee, baseball statistics