

# Brett Dickinson

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 [brettlycd.github.io/](https://brettlycd.github.io/)  [dickinsonbrett](#)  BrettlyCD

## EMPLOYMENT

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### **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

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### **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

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**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

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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

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**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

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