

Data Engineer

Berkeley, CA

Actively looking for new opportunities in data analytics or data engineering.

Work Experience

Data Engineer

Spectraforce Technologies (Onsite at Facebook) - San Francisco, CA

December 2017 to Present

- Designed, constructed and maintained data pipelines using Python, Hive, Presto and Raptor.
- Developed dashboards and internal tools to meet business needs of Publisher SMB Sales and Marketing teams.
- Worked cross functionally with Sales and Marketing teams to produce data sets and derive insights into business processes and trends.
- Maintained pipeline data quality for all internal data pipelines and built tests to check data quality of upstream tables.
- Created documentation to set standards of metric definitions and workflow.

Business Analyst II

Zenith Talent Corporation (Worked onsite at Google) - San Francisco, CA

June 2017 to July 2017

- Defined metrics to be used for comparing existing applicant tracking systems to Google Hire.
- Performed statistical analysis of metrics and gave actionable feedback to Marketing and Sales teams.
- Generated metrics for comparing Google Hire performance against other applicant tracking systems using Python, Excel and Google Sheets.
- Built internal tools using Python for conforming customer applicant tracking system data to the Google Hire data model.

Data Analyst

Topgolf Media - San Francisco, CA

April 2014 to June 2017

- Designed and implemented reporting data warehouse using MySQL and Python to house Social Media and User Acquisition reporting data.
- Developed team level and executive dashboards to meet the business needs of the User Acquisition, Social Media and Baseball teams using Python, Hive, Upsight, Google Sheets and Birst.
- Designed metrics used for reporting and set the standard for metric definitions and data accuracy.
- Built linear regression models to forecast KPMs for the coming fiscal quarter.
- Designed, implemented and interpreted statistical tests for the WGT Baseball team to give actionable feedback on new game features, using Python.

Data Analyst

Product Madness - San Francisco, CA

April 2013 to April 2014

- Designed, implemented and interpreted statistical tests to determine the efficacy of promotions and media buying efforts using R.
- Designed, implemented and interpreted regression models to make predictions about user lifetime value using R.
- Developed and maintained dashboards using Tableau / Tableau Server to distribute information across the Marketing and Product teams.

Education

Master of Arts in Mathematics

San Francisco State University San Francisco, CA

August 2008 to December 2011

Bachelor of Arts in Mathematics

Humboldt State University Arcata, CA

August 2001 to May 2005

Skills

Data modeling and warehousing (2 years), ETL processing and scripting using Python, Hive, MySQL, TSQL (5 years), Building dashboards using Tableau, Birst, Upsight, Google Sheets, Excel (5 years), Building APIs using Python (2 years), Web scraping with Python (2 years), Statistical testing and mathematical modeling using Python Pandas and R (4 years), Scala (2 years), Tableau (1 year), Birst (1 year), Upsight (3 years)