s Welcome! This is some invisible header text so we can

**Roger Qiu**

# Data Analyst in Houston, Texas

I am a focused and motivated individual looking for opportunities where I can leverage data science and machine learning models to bring companies value.

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# PROJECT EXPERIENCE

* **Life Expectancy:** Use of Keras sequential model from the TensorFlow library to build a deep learning neural network to predict life expectancy
* **Handwriting Recognition:** Use of KMeans clustering and SKlearn unsupervised machine learning model to predict user handwriting
* **Rent Prediction:** Created a multiple linear regression supervised machine learning model with Python to predict Manhattan rent prices
* **Stock Analysis:** Use of Pandas, NumPy, and Matplotlib to build stock comparison analysis with visualizations.

# WORK EXPERIENCE

**Shared Service Analyst** — National Oilwell Varco, Houston, Texas

October 2022 – Present

* Leveraged Alteryx to create data pipelines and workflows to streamline manual ETL processes from multiple ERP data warehouses
* Analyzed and modeled financial data across numerous data warehouses using SQL and Excel Power Query
* Developed and presented Power BI dashboards to report financial data to management for decision making

**Financial Analyst** — Werner Co, Itasca, Illinois

October 2021 – September 2022

* Modeled and presented monthly financial data from company income statement using IBM PA (Cognos TM1), Excel, and Power BI to assist internal partners and to present to external investors.
* Performed dynamic data reconciliation with live connections to multiple data sources using Snowflake, SQL, advanced Excel PAX formulas and Power BI dashboards to help retrieve, manipulate, and visualize OLAP data.

# EDUCATION

**University of San Diego,** MS in Data Science - Expected Aug 2024 || GPA: 3.8

**Saint Louis University,** BS in Healthcare Management, Minor in IT management - May 2019

**Tools:**

* **Python (Pandas, Matplotlib, NumPy, SKlearn, TensorFlow)**
* **SQL (MySQL)**
* **Alteryx**
* **Power BI, DAX Functions**
* **Excel, Power Query**
* **Jira**
* **IBM Planning Analytics (Cognos TM1)**
* **Oracle Cloud ERP**
* **Snowflake**
* **GitHub**

**Skills:**

* **Data ETL Development**
* **Supervised & Unsupervised Machine Learning**
* **Data Analysis & Visualizations**
* **Statistical**

**Variance Analysis**

* **Corporate**

**Financial Analysis**