Entrepreneur and Business Analyst with knowledge and experience in interpreting and analyzing data in order to drive successful business solutions. Earned a certificate in Data Science from SMU Data Analytics and Visualization Boot Camp. Proficient knowledge in statistics, mathematics, and analytics. Excellent understanding of business operations and analytics tools for effective analyses of data. Team-oriented individual with strengths in analytical problem solving and collaborating across diverse groups.

**TECHNICAL SKILLS**

**Languages:** Python, R, JavaScript, HTML, SQL, NoSQL, Excel VBA

**Applications:** GitHub, MongoDB, MySQL, PostgreSQL, GIT, AWS, Flask, Command Line, Tableau

**Tools:** VS Code, Excel, Seaborn, Scikit learn, TensorFlow, Databasing, Pandas, Jupyter Notebook

**PROJECTS**

**Exploratory Data Analysis with Data Visualization <https://github.com/aherrup/SMU_Project1>**

The aim of this project is to detect if there are any correlation between the students environmental and personal factors and their academic performance. The analysis also focuses on student’s alcohol consumption, the factors impact on alcohol consumption and how it in turn affects student’s grades.

* Role: Data Analysis
* Tools: Tools: Python, Jupyter Notebook

**Data Integration (ETL)**

[**https://github.com/aherrup/smu\_project2\_team3**](https://github.com/aherrup/smu_project2_team3)

In this project we learned advanced concepts of ETL Extract, Transform and Load data that we obtained through web scrapping API’s. The data was analyzed, cleaned, and created Data Base with news data that can be quired to suit a desired criterion.

* Role: Data Analysis
* Tools: Python, Pandas, Jupyter Notebook, SQL, Postgres, Google Cloud

**Web Development with Machine Learning** [**https://github.com/marklb7/SMU\_Capstone\_Group3**](https://github.com/marklb7/SMU_Capstone_Group3)

The objective of this project was to create an interactive website with machine learning.

* Role: Data Analysis, Web Engineer
* Tools: Python, Java Script, HTML, Jupyter Notebook, Tableau

**Professional Development**

* Graduate of SMU Data Science Program 04/2021: Certification Data Science and Data Analytics
* Graduate of DFW Business Training Center under Dr. D.L. Wallace 08/2005: Certification in Enhanced Sales Skills, Business Presentation, Closing & Negotiating, Prospecting & Appointment Setting

**Professional Experience**

**Employment History**

NTHCL 04/2019 to 12/2020

NCH Corporation US Contract Trucking LLC 06/2018 to 03/2019

Super Shuttle International 12/2015 to 10/2017

KLLM Transport/Tyson Foods 03/2015 to 12/2015

Echo Transportation 10/2014 to 03/2015

Fort Worth Transportation Authority 01/2013 to 10/2014

Money Management International (MMI) 03/2008 to 08/2012

**Employment Summary**

At MMI I worked as a Business Analyst, Financial and Stock Advisor, Credit and Bankruptcy Counselor, where I established relationships with clients to derive individually tailored solutions to all facets of the client’s debt, money management and housing issues by using innovative financial and educational solutions.

Self-Employed, Commercial Truck Driver for various agencies; where I obtained various skills such as time management, scheduling and bookkeeping, risk management, as well as adhering to the safety protocols and DOT rules and regulations.

**Highlight of Skills & Qualifications**

* Front-End Web Visualization: HTML, CSS, Bootstrap, Dashboarding, JavaScript Charting, Goemapping with Leaflet.js
* Business Intelligence Software: Tableau
* R Programming
* Big Data Analytic with Hadoop
* Supervised Machine Learning
* Unsupervised Machine Learning
* Deep Learning
* Statistics: Modeling, Forecasting
* Python Programming: Python 3, NumPy, SciPy, Pandas, Matplotlib, API Interactions
* Databases: PostgreSQL/PgAdmin, Mongo DB, Extract-Transform-Load (ETL)
* Excel: Pivot Table, VBA Scripting
* Microsoft Office (Word, Excel, Access, PowerPoint)
* Ellipse software
* Trapeze/ WinPak software
* PDF Adobe Converter

**Education/Licenses**

SMU Data Science Bootcamp 2020-2021

KLLM Trucking Driving Academy 2015

DFW Business Training Center 2008

Licensed Vocational Minister under Church of God in Christ, Inc. 2004