MILLION KAHSAY(MSc)

Data Analyst

Aurora, CO

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With over 15 years of experience in providing data-driven process and data-centered solutions to business and research problems. Well-equipped with the current state of art data analysis tools, a self-starter with strong statistical and mathematical background. An in-depth knowledge of data, database and database types, statistical research and sampling methodologies, data curation, manipulation, visualization and machine learning.

PROFESSIONAL EXPERIENCES

- Currently working as a Business Analyst intern at LÍLLÉbaby LLC in Golden, CO. The scope of this internship is to analyze the online presence/visibility of this company as compared to other companies engaged in the same business and to better understand the Amazon website landscape for baby carriers.
- Registrar at Colorado Height University, Denver, CO.
- Lecturer at Addis Ababa University Addis Ababa, Ethiopia.
- Lecturer at Ethiopian Civil Service University, Addis Ababa, Ethiopia.

TECHNICAL SKILLS

Databases: SQL, MongoDB
Tools: Excel, R and Tableau
Languages: Python(*libraries used includes Pandas, Flask, Matplotlib, SQLAlchemy, Requests, Numpy, NLTK, Beautiful Soup, Scikit-Learn, Keras, TensorFlow*), JavaScript (*libraries used includes d3.js, leaflet.js*)

KEY ACHIEVEMENTS

- Successfully established ALPHA PARATRANSIT LLC by conducting feasibility study by using data obtained from the state of Colorado and other NGOs. We analyzed trend, market volume and capacity of non-medical emergency transportation companies and found out that there is a need for medium-to-large scale non-emergency transportation company. I used SPSS to analyses the data.

- As a Registrar at Colorado Height University, I oversaw the successful migration and data mapping to a new academic software, ensured the integrity of data disseminated by the Registrar's Office and in collaboration with the Information Technology Department, I was responsible for system configuration, set up, and maintenance of various functions, tables, and processes embedded within the student information system software in relation the duties of the Registrar's office.

- In my M.Sc. capstone project, I proved a Non-Linear Regression Model(family of Markov Chain Model for Manpower) performs better when using in forecasting and planning Manpower than Linear Regression Models under minimal assumption. The non-linear model is fitted to a student enrollment/attrition data obtained from the Registrar office of Addis Ababa University and be able to show that the non-linear model performs better when using in forecasting. I used matlab as a data analysis tool.

EDUCATION

- Attended a 24-week intensive program focused on gaining technical programming skills in Excel, VBA, Python, R, JavaScript, SQL Databases, Tableau, Big Data, and Machine Learning.

- MSc and BSc Degrees in Applied Statistics from Addis Ababa University, Addis Ababa Ethiopia.