Shin Le

Entry-Level Data Analyst

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PROFESSIONAL SUMMARY

Detail-oriented and analytical Entry-Level Data Analyst with a solid foundation in data analysis, data cleaning, and visualization. Adept at transforming complex datasets into actionable insights, leveraging statistical analysis and visualization tools. Passionate about using data to drive decision-making processes, and particularly interested in exploring AI applications in sound and video analysis. Seeking opportunities to further develop my skills in the dynamic field of data analytics.

EDUCATION

- **B.S in Applied Mathematics** *Florida State University*
- **A.A in Mathematics** *Indian River State College*
- **Certifications : IBM Data Science Professional Certificate, IBM Data Analyst Professional Certificate**

PROJECTS

Data Science: Car Price Prediction *Florida State University* *(08/2023 – 12/2023)*

- Performed extensive data analysis on a 250,000-record dataset of used car prices from 1995-2023.
- Conducted data cleaning, dealt with missing values and outliers, and utilized feature selection techniques.
- Generated insights on key factors influencing car prices and presented findings through comprehensive visualizations.
- Applied machine learning models to validate findings and assist in accurate price prediction.

Machine Learning: Churn Prediction *Florida State University* *(10/2023 – 12/2023)*

- Analyzed customer churn data for a movie subscription service with 70,000 records.
- Utilized data mining techniques to identify patterns and trends contributing to customer attrition.
- Created visual reports and dashboards to present key findings, demonstrating churn drivers and recommending actionable steps.
- Used Python for data manipulation, feature engineering, and classification model development.

Database: Library Management System *Florida State University* *(01/2023 – 04/2023)*

- Analyzed and optimized data for a SQL-based library management system.
- Developed queries to streamline overdue reminders, book recommendations, and user activity tracking.
- Presented key performance metrics and suggested improvements for library management workflows.

Numerical Analysis: Newton's Method vs. Muller's Method *Florida State University* *(08/2022 – 12/2022)*

- Conducted a comparative analysis between Newton's and Muller's methods for finding nonlinear roots using C++.
- Assessed the efficiency, accuracy, and stability of both algorithms with detailed visualizations.

JOBS

GED Program Math Tutor *Online* (*07/2022 - 01/2023)*

- Tutored adults in fundamental math concepts, guiding them to understand critical analytical skills necessary for passing the GED Math section.
- Assisted two students in successfully completing the GED Math section through personalized lesson plans.

TOP SKILLS

Data Cleaning & Preprocessing	Statistical Analysis	Data Analysis & Visualization	Data Mining
SQL & Database Management	Deep Learning	Machine Learning	Time Series
Applied Regression	Artificial Intelligence	Model Optimization	Python & C++
Mathematical Modeling	Problem Solving	Communication & Team Collaboration	