

MD ZEHAN ALAM

Data Scientist (Open to Remote Jobs)

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[zehan-alam](#)

zehan-alam.github.io/portfolio

Rampura, Dhaka, Bangladesh



SUMMARY

Passionate aspiring Data Scientist with a strong foundation in mathematics, statistics and programming. Leveraging soft skills honed through freelancing, adept at blending theoretical knowledge with practical application for effective data science and ML implementation. Proficient in end-to-end project execution, from data collection and analysis to model building and cloud deployment. Eager to specialize in *Deep Learning* and *Computer Vision* while contributing to innovative AI research initiatives.

EDUCATION

B.Sc. in Mathematics

University of Dhaka
CGPA - 3.47, Passing Year - Feb, 2024

SSC'15, HSC'17

Comilla Board, GPA - 5

CERTIFICATIONS

Data Analyst Professional

Datacamp
May 2023

Google IT Support Professional Certificate

Google
May 2020

WORK EXPERIENCE

Wordpress Web Designer

Fiverr, Upwork, C&IStudio | 2021 - 2023

- Worked under few agencies for 3+ years as an expert in Wordpress.
- Completed 70+ projects that impacted business/sales of clients positively.
- Enhanced skills like communication, collaboration, time management, meeting deadlines, working effectively under pressure, project management and problem solving.

SKILLS AND EXPERTISE

Programming Languages: Python, SQL, HTML, CSS, JS, Flask, MATLAB, Fortran

Data Analysis and ML: Data Scraping, Database Management, Data Wrangling, Statistical Analysis, Exploratory Data Analysis, Data Visualization, Supervised and Unsupervised ML (Feature Engineering, Model Evaluation and Validation, Hyperparameter Tuning, Cross-Validation), Time Series Analysis

Tools and Technologies: Excel, Tableau, GitHub, Microsoft Office

Math: Calculus, Linear Algebra, Differential Equations, Discrete Mathematics, Stochastic Calculus, Optimization, Statistics Fundamentals

Languages: English, Bangla

PROJECTS

On Practitioner Implementation of Variance Gamma Option Pricing with Subprime Crisis Empirics

MATLAB | Option Pricing | Data Analysis | Academic Thesis Project

- Implemented and evaluated 4 option price prediction model using Matlab on 10,000 data and analyzed RMSE to draw conclusions

Car Price Prediction

Python | ML | Regression | Streamlit

- Analyzed regression algorithms, selecting the best for predicting car prices and implemented the model with Streamlit for user interaction.

Smartphone Specifications Scraping from GSM Arena

Python | BeautifulSoup4 | Web Scraping

- Utilized Python libraries to scrape specifications from GSMarena and reviews from inner links, employing proxies to circumvent IP bans.

Smartphone Specifications Data Cleaning & EDA

Python | Pandas | Matplotlib | Seaborn | Regex

- Leveraged regex to clean and parse 1020 smartphone data, extracting specific values like RAM, ROM, OS, and Processor specs into separate columns for analysis.