**Taha Yasin Shah  
 Email:** i232624@isb.nu.edu.pk | **Phone:** 0310000000  
 **LinkedIn:** NA | **Address:** dummy\_address

**Career Objective**  
 Data Science student with a solid foundation in machine learning, data visualization, and statistical analysis. Passionate about building intelligent systems that convert raw data into actionable insights.

**Education**  
 BSc Data Science, FAST NUCES, 2027 | GPA: 2.78  
 Relevant Courses: Data Structures, Object Oriented Programming, Programming Fundamentals

**Skills**  
 **Languages:** C, C++, C#, Python, R, SQL, x86 Assembly (MASM)  
 **Libraries & Frameworks:** NumPy, Pandas, Matplotlib, Seaborn, scikit-learn, NLTK  
 **Technologies & Tools:** Linux, WSL2, Git, GitHub, MySQL, Google Colab

**Experience / Internships**  
 Conducted data preprocessing, visualization, and predictive modeling using Python and R.

Presented insights on economic indicators and forecasting accuracy.

**Projects**

1. **Predictive Modeling and Customer Clustering for Retail Optimization**  
    Analyzed Imtiaz Mall’s electronics sales data to identify causes of revenue decline and retention gaps. Applied Linear Regression, Decision Trees, and K-Means clustering for predictive modeling and segmentation.
2. **Inflation Forecasting using Machine Learning Models**

Forecasted 2026 inflation using ARIMA, Random Forest, and SVR on economic indicators (GDP, WTI, M2, unemployment, interest rate) to identify key predictors and model performance in R.

**Achievements / Extracurricular Activities**  
 High Achiever’s Award – O Levels  
 High Achiever’s Award – A Levels