

# JUNAID ALAM

## Machine Learning Intern

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### PROFILE

Engineering graduate with a background in Electronics and Communication and practical experience in machine learning and data analysis. Currently a Machine Learning intern, working on Python-based data processing, exploratory data analysis, and end-to-end ML projects, with an emphasis on model evaluation and real-world problem solving.

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### WORK EXPERIENCE

#### Madrid Software | Machine Learning Intern

Jan 2026 – Present

- Working on applied machine learning and data analysis tasks using Python
  - Performed data cleaning, preprocessing, and feature engineering on real-world datasets
  - Built and evaluated ML models with a focus on performance metrics and generalization
  - exposure to end-to-end ML workflows, from data exploration to model validation
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### PROJECTS

#### 1. [Telecom Customer Churn \(Machine Learning\)](#)

- Built classification models to predict customer churn using telecom usage and demographic data
- Performed feature engineering, encoding, and scaling to improve model performance
- Handled class imbalance and evaluated models using accuracy, precision, recall, and F1-score
- Applied cross-validation and hyperparameter tuning to improve model performance

#### 2. [Expense Tracker \(Python, Streamlit\)](#)

- Developed an interactive expense tracking web app using Streamlit
- Implemented features for adding, viewing, and categorizing expenses
- Focused on clean UI, data persistence, and usability

#### 3. [Netflix Content Strategy \(Exploratory Data Analysis\)](#)

- Conducted EDA on Netflix content dataset to identify trends and patterns
- Analyzed content distribution by genre, release year, and country
- Used data visualization to communicate insights effectively

## **SKILLS**

- **Programming:** Python
  - **Data Analysis:** Pandas, NumPy
  - **Data Visualization:** Matplotlib, Seaborn, plotly
  - **Machine Learning:** Scikit-learn, Regression, Classification, Model Evaluation, Hyperparameter Tuning, GridSearchCV / RandomizedSearchCV, Model Optimization using Cross-Validation
  - **Tools & Frameworks:** Streamlit, Jupyter Notebook, VS-code
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## **CERTIFICATIONS**

- IBM - python for Data Science
  - IBM - Data Analysis Using Python
  - IBM - Data Visualization Using Python
  - IBM - Machine Learning with Python
  - IBM - Data Science Foundations
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## **EDUCATION**

### **Al Falah University**

2015 - 2018

B.Tech in ECE