

Sohaib Zafar

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EDUCATION AND HONORS

Government College University Lahore, Department of Computer Science
Bachelor of Science, Computer Science (BSCS)

Lahore, Pakistan
Expected May 2024

- Cumulative GPA: 2.73/4.00
- Relevant Coursework: Artificial Intelligence, Data Mining, Software Engineering, Database, Discrete Structures
- Awards and Honors: Arbisoft Campus Ambassador Program, Connect and Learn Competition (Ranked 3rd in the Competition)

Feb 2023

PROFESSIONAL EXPERIENCE

Corvit Networks Pvt. Ltd.

Lahore, Pakistan

Artificial Intelligence & Machine Learning trainee

June 2023 - December 2023

- Utilized Python libraries for data analysis on 10,000+ records, unlocking insights to optimize model performance.
- Forged powerful ML models for regression & classification via Sklearn modules, attaining an impressive 95% accuracy.
- Illustrated data visualization tasks with three skilled team members, using Matplotlib and Seaborn to enhance stakeholder understanding.

Oasis Infobyte

New Delhi, India

Data Science Intern

July 2023 - August 2023

- Implemented supervised machine learning techniques in Python to classify 3 iris flower species.
- Analyzed unemployment data from various states & regions through EDA, creating 10 visualizations enabling over 100+ end clients to monitor lockdown's impact on employment.
- Enhanced data quality via thorough pre-processing, resulting in a notable 15% accuracy improvement and uncovering pivotal patterns for strategic insights.

SKILLS

- **Programming Languages:** Python, Java, C, C++, C#, JavaScript, HTML, CSS
- **AI & Machine Learning:** Django, MongoDB, Python (eg. scikit-learn, numpy, pandas, matplotlib, tensorflow, keras)
- **Data Science & Miscellaneous Technologies:** EDA, Data science pipeline (cleansing, wrangling, visualization, modeling, interpretation), Statistics, MLflow, Tableau, OOP, Excel, Git, Github

PROJECTS

Face Mask and Gender Classification

Sep 2023

- Implemented a computer vision solution for face detection with gender classification and mask/not mask detection.
- Achieved accurate gender classification and mask detection using deep learning techniques.

Unemployment Analysis

Aug 2023

- Developed interactive data visualizations depicting regional variations in employee numbers and unemployment rates amidst Covid-19.
- Utilized data analysis techniques to present insights into workforce dynamics during the pandemic.
- Utilized Streamlit to deploy a user-friendly web application for enhanced accessibility and engagement.

Sales Price Prediction

July 2023

- Developed and implemented a regression model to predict sales prices for product advertisements.
- Utilized statistical techniques to optimize advertising strategies and maximize revenue potential.

Iris Flower Classification

July 2023

- Developed and trained a classification model to accurately predict Iris flower species from user-input features.
- Achieved high accuracy rates through feature engineering and model optimization techniques.

CERTIFICATIONS

- **Microsoft Certified Azure AI-900**
- **Kaggle Certified Python Programmer**
- **Certified Python Elementary Programmer**

Sep 2023

Sep 2023

Apr 2023