






# Machine Learning Engineer

## Career Objective

Experienced machine learning engineer with proficiency in Python, TensorFlow, Keras, Scikit-learn, and other ML and DL frameworks. Skilled in end-to-end machine learning pipeline development, including data collection, preprocessing, model training, and evaluation. Developed deep learning models for image classification, object detection, Segmentation, face recognition, and NLP. Achieved high accuracy in SSD and other CNN algorithms. Seeking a role as a machine learning engineer to apply my AI development expertise to deliver innovative solutions.

## Education

-  BSc in Electronics and Telecommunication Engineering  
Institution: Daffodil International University  
Year of Graduation: 2022  
CGPA: 2.85 out of 4.00
-  Higher Secondary Certificate (H.S.C)  
Institution: Holy Land College  
Passing Year: 2016  
GPA: 3.75 out of 5.00
-  School of Secondary Certificate (S.S.C)  
Institution: Kherkati High School  
Passing Year: 2014  
GPA: 5.00 out of 5.00

## MD. SHAHARIAR ALOM

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## Relevant Skills

- Data and Quantitative Analysis
- Predictive Modeling
- Machine Learning and Deep learning Algorithms
- Data Visualization
- Understanding of technical documentation
- Computer Vision and NLP Annotation and critical dataset operations
- Communication and presentation
- Problem-solving
- MySQL
- PoweBI





## Frameworks and Libraries:

- TensorFlow
- OpenCV
- PyTorch
- Keras
- YOLO
- OCR
- Caffe
- Scikit-Learn
- XGBoost
- Pandas
- Numpy
- Matplotlib
- Seaborn



## Extra Skills

- Professional Video Editing(Regular and Immersive)
- WordPress Development
- Social Media Advertisement Basic
- Basic MS Word, PowerPoint, Excel
- Graphics Design Basic
- Social Media and Website Management

## Work Experience

-  AI/ML Engineer, Data Analysis, Data collection, Project Management, Data Annotation Lead (Object Detection App Project-remote)  
Zero Gravity  
Jan 2022 to Jan 2024 (2 year)
  - Collected and annotated data from multiple datasets, analyzed them, and performed critical operations to accurately detect objects.
  - Trained and evaluated the models for a better outcome.
  - Solved arabic Learning problem through ML Mobile App
-  Data Annotation Lead (remote)  
Quantigo AI  
Jan 2020 to march 2021 (1 year)
  - lead ML data annotation team and perform crucial ML data annotation
  - Delivered high dataset for CV and NLP tasks
-  Data Scraping, Data Analysis, Data Annotation, Image Classification, Object Detection, Intense Segmentation (freelance)  
Upwork  
Jan 2021 - Present (3.5 years)
  - Collected diverse data through web scraping from different sources.
  - Meticulously annotated datasets for machine learning tasks.
  - Trained image classification models using TensorFlow and PyTorch.
  - Specialized in YOLO variants, Tensorflow object detection, Segmentation, and fine-tuning.
  - Optimized apple production by tracking fruit quality.
  - Provided interior design recommendations for business growth.
-  Data Annotation, Data Analysis, Research, Critical operations on datasets (freelance)  
Fiverr  
Jan 2020 - May 2023 (4.5 yrs)
  - Annotated data for deep learning NLP.
  - Improved existing model accuracy like mediapipe, and handled complex operations on various datasets.

## Certifications

-  Machine learning under Hire and Train program of EDGE  
Institution: Bangladesh Computer Council(BCC), ICT Division 2023
-  Complete Data Science & Machine Learning Bootcamp  
Institution: Udemy 2021