

Al Amin

Python | Machine Learning | Deep Learning | NLP | OpenCV

Mobile : +880-1875780315

Email : alaminbhuyan321@gmail.com

LinkedIn : <https://www.linkedin.com/in/al-amin>

GitHub : <https://github.com/alaminbhuyan>



CAREER OBJECTIVE

To obtain a creative and challenging position in an organization that gives me an opportunity for self-improvement and leadership, while contributing to the symbolic growth of the organization with my technical, innovative and logical skills.

CORE SKILLS

- Develop Deep Learning & Machine Learning application using TensorFlow, Keras, Scikit-learn.
- Perform EDA in different dataset.
- Develop web Application using Django.
- Working with Rest APIs and writing optimized and efficient Code.
- Maintain version control using Git.

TECHNICAL SKILLS

- **Programming Languages:** Python, C++, JavaScript.
- **Frameworks:** TensorFlow, Keras, Django, Flask, React js.
- **Library:** Scikit-learn, Numpy, Pandas, SciPy, Matplotlib, Seaborn, Plotly, OpenCV, NLTK.
- **Technologies:** HTML, CSS, Bootstrap.
- **Version Control:** Git.
- **Database:** MySQL.
- **Tools:** PyCharm, Jupyter Notebook, Spyder, Vs Code, Postman, GitHub.
- **Deploy:** Heroku, Streamlit-Cloud.

EDUCATIONAL BACKGROUND

- **B.Sc. (Computer Science & Engineering)** from Uttara University, Dhaka in 2022 (CGPA 3.93 / 4.0)
- **HSC (Science)** from Mehnaz Hossen Mim Adarsha College, Comilla in 2017 (GPA-3.25 / 5.00)
- **SSC (Science)** from Jonab Ali High School, Comilla in 2015 (GPA-4.61 / 5.00)

PROJECT EXPERIENCE

- **Cats' vs Dogs Classification Using Deep Learning (CNN)**
Overview: Developed a CNN model to predict cat and dog from an image. The model achieved an accuracy of 98% and validation accuracy 82%.
Technology:
[\[code link\]](#)

- Fashion Recommendation System Using Transfer Learning (CNN)**
Overview: This code performs feature extraction using a pre-trained ResNet50 model on a fashion product image dataset, and saves the extracted features and filenames to pickle files. It then uses a Nearest Neighbors algorithm to find the 5 nearest neighbors to a given image and returns their distances and indices.
[\[code link\]](#)
- Customers Churn Prediction Using Deep Learning (ANN)**
Overview: Developed a deep learning model to predict customer churn using Python and ANN. The model achieved an accuracy of 85% on the test dataset.
[\[code link\]](#)
- Face Mask Detection Using Transfer Learning (CNN)**
Overview: This can detect whether a person has worn or not. Here, I have used ResNet152V2 pretrained model. After training the accuracy came 0.99% and validation accuracy came 0.99%.
[\[code link\]](#)
- Person Identification & Attendance System Using Face Recognition module**
Overview: Developed a system that will identify a person and take her attendance to the excel sheet.
[\[code link\]](#)
- Person Identification**
Overview: Developed a CNN model to predict a person. The model achieved an accuracy of 82% and validation accuracy 95%.
[\[code link\]](#)
- Which Bollywood Celebrity Are You Transfer Learning (CNN)**
Overview: Used a transfer learning technique "VGGFace2" model trained 100 Indian celebrity. This model can fetch the similar face if someone face is related any Bollywood celebrity.
[\[code link\]](#)
- Spam Email Detection Using Machine Learning**
Overview: Developed a machine learning model to predict spam email using Python and Scikit-learn. The model achieved an accuracy of 98% on the test dataset.
[\[code link\]](#)
- Content Based Movie Recommendation System Using Machine Learning**
Overview: Developed a machine learning model to recommend movie based on content. This model suggests related movie as their similarity.
[\[code link\]](#)
- Book Recommendation System Using Machine Learning**
Overview: Developed a machine learning model to recommend book based on content. This model suggests related book as their similarity.
[\[code link\]](#)

PERSONAL STRENGTH

- Open to any challenging work.
- Strong motivational and leadership skills.
- Ability to work as individual as well as in group.
- Highly motivated and eager to learn new things.
- Ability to produce best result in pressure situation.

AWARDS & ACHIEVEMENTS

- Got four Dean Awards in 2019, 2020, 2021, 2022.

LANGUAGE SKILLS

- Bengali : Native Proficiency
- English : Professional Working Proficiency
- Hindi : Listening

REFERENCES

1. Robiul Islam Rubel

Full Stack Web Developer

<https://www.wpxpo.com/>

+8801832234265

rubel.cse532@gmail.com

DECLARATION

I do hereby declare that the information given above is true of my knowledge.