CURRICULUM VITAE

Alamin
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CAREER OBJECTIVE

Recent graduate with a Bachelor's degree in Computer Science and experience in machine learning and data science. Proficient in Python and familiar with various machine learning libraries and frameworks. Strong problem-solving skills and a passion for using technology to solve real-world problems.

PERSONAL INFORMATION

Father's Name	: Mostafa Kamal
Mother's Name	: Mahabuba Begum
Mailing Address	: Faidabad Chowrasta, Uttara, Sector-6, Dhaka-1230.
Permanent Address	: Vill- Manikkandi, P.O.- Islamabad, Tana-Titas, District- Comilla
Date of birth	: 04-June-1999
Marital status	: Unmarried
Religion	: Islam
Nationality	: Bangladesh by birth

EDUCATIONAL QUALIFICATION

1. B.SC. IN COMPUTER SCIENCE AND ENGINEERING

University	: Uttara University
Major	: Software Engineering
Passing Year	: 2022
Result	: CGPA-3.93 Out of 4.00

2. HIGHER SECONDARY SCHOOL CERTIFICATE

Institute	: Mehnaz Hossen Mim Adarsha College
Group	: Science
Board	: Comilla
Passing Year	: 2017
Result	: GPA-3.25 Out of 5.00

3. SECONDARY SCHOOL CERTIFICATE

Institute : Jonab Ali High School
Group : Science
Board : Comilla
Passing Year : 2015
Result : GPA-4.61 Out of 5.00

EXPERIENCE

- I have done some web based and as well as ML based project. I pushed those project in GitHub and Heroku.
- Used Python and scikit-learn to preprocess and analyze data.
- Implemented and evaluated various machine learning algorithms to improve model performance.
- Assisted in the analysis of large datasets using SQL and Python.
- Worked on various machine learning projects using TensorFlow, scikit-learn, Keras and other libraries.

SKILLS

- **Skilled:** OOP, Machine Learning, Deep Learning, NLP, Computer Vision, Git & GitHub, MySQL, Rest API.
- **Programming Language:** Python, C, C++, JavaScript
- **Library:** Numpy, Pandas, SciPy, Scikit-learn, Matplotlib, Seaborn, Plotly.
- **Tools:** Git, Visual Studio Code, PyCharm, Jupyter Notebook, Jupyter Lab, Spyder.
- **Deploy:** Heroku, GitHub.
- **Framework:** TensorFlow, Keras, Scikit-learn, Django, Flask.

PROJECTS

- **Cats' vs Dogs Classification Using deep learning (CNN):** Developed a CNN model to predict cat and dog from a image. The model achieved an accuracy of 98% and validation accuracy 82%. [**code**]
- **Fashion Recommendation System Using Transfer Learning (CNN):** The 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**]
- **Customers Churn Prediction Using Deep Learning (ANN):** 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**]
- **Face Mask Detection Using Transfer Learning (CNN):** 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**]

- **Person Identification & Attendance System Using Face Recognition module:** Developed a system that will identify a person and take her attendance to the excel sheet. [**code**]
- **Person Identification:** Developed a CNN model to predict a person. The model achieved an accuracy of 82% and validation accuracy 95%. [**code**]
- **Which Bollywood Celebrity Are You Transfer Learning (CNN):** 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**]
- **Spam Email Detection Using Machine Learning:** 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**]
- **Content Based Movie Recommendation System Using Machine Learning:** Developed a machine learning model to recommend movie based on content. This model suggests related movie as their similarity. [**code**]
- **Book Recommendation System Using Machine Learning:** Developed a machine learning model to recommend book based on content. This model suggests related book as their similarity. [**code**]

Signature