S.M Ashraful Hasan

💼 Career Objective

To seek a demanding profession and work for a forward-thinking company that will allow me to develop my knowledge and abilities through pure determination, perseverance, and effort. I have a good ability for picking up new ideas and technology quickly. I enjoy challenges that call for adapting to evolving requirements and staying current with new trends.

To ensure productive workflow and good results, efficiently manage your time. I intend to apply the learned information and abilities.

I want to use the knowledge to pursue several initiatives during my undergraduate degree to support the company's expansion and success.

🎓 Education

Ongoing	**B.Sc. in Computer Science & Engineering** North South University	📍 Dhaka, Bangladesh
July 2018	**H.S.C (Science)** Dhaka City College	📍 Dhaka, Bangladesh
April 2016	**S.S.C (Science)** Dhanmondi Gov't Boy's High School	📍 Dhaka, Bangladesh

Skills

Technical Skills

- C, C++, Java, Python, PHP
- Scikit-Learn, Numpy, Pandas
- MySQL Server, Firebase
- HTML, CSS
- Linux, Windows
- Git, LaTeX

Training & Cirtification

January 2021	**Data Manipulation in SQL** Certificate View: **https://bit.ly/3DqtVuw**
January 2021	**PostgreSQL Summary Stats and Window Functions** Certificate View: **https://bit.ly/46SjnSe**
January 2021	**Intermediate SQL Queries** Certificate View: **https://bit.ly/3K9aaeI**
January 2021	**SQL for Joining Data** Certificate View: **https://bit.ly/3O6W52z**

About Me

- Polyglot Programmer
- Problem Solver
- Team Player
- Fast Learner and Explorer

Language

- **English** Proficient
- **Bangla** Native Language

Contact Info

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Personal Info

- Nationality: Bangladeshi
- Marital Status: Unmarried

Links

- linkedin.com/in/sm-ashraful-hasan
- https://www.facebook.com/akif.32187/
- https://twitter.com/SMAshrafulHASA1
- https://github.com/akifhasan32187

Technical Interest

- Web Design
- Web 3.0
- Natural Language Processing (NLP)
- Deep Learning
- Maching Learning

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Project Experiences

Transformer Model Optimization Bert

In this project, we utilized a pre-trained BERT model to optimize various datasets, including SST-2, Amazon, and COLA. We fine-tuned BERT using techniques like freezing layers, contextual word embeddings, and incorporat-

Technology: Pytorch, Keras, Tensorflow, Ktrain, Pandas
Total Number of Members: 01
Role: Coding, Development and Testing
Remark: Personal Work (University Project)

Nearest Neighbour Feature Extraction

In this project, pre-trained models are used to extract features from a collection of images. Pretrained models like ResNet101V2, InceptionV3, ZFNet, Densenet are utilized to extract meaningful visual features. It then computes cosine similarities between the image features to find the most similar images to a given input, allowing users to retrieve visually similar fruit images.

Technology: Keras, Tensorflow, Ktrain, Pandas, Google colab
Total Number of Members: 03
Role: Coding, Implementing and testing pretrained models
Remark: Personal Work (University Project)

ESeller_App

ESeller is a Java-based e-commerce application that offers a user-friendly experience for both customers and administrators. It includes essential functionalities such as user and admin login, user registration, product browsing with detailed information, and the option to add products to the cart. Admins have access to manage product categories, add new products, and monitor user activities, while users can

Technology: Java, Android Studio
Total Number of Members: 02
Role: Frontend Planning, Developing and Testing
Remark: Personal Work

Online Library Management System

The Online Library Management System is a dynamic website developed using HTML, CSS, and PHP. It provides users with the ability to register, login, and logout. The site offers a categorized view of books, allowing users to browse and search for specific books. Additionally, users can add or remove books from their accounts, making it a convenient

Technology: Html, CSS, PHP
Total Number of Members: 03
Role: Frontend Planning, Developing and Testing
Remark: Personal Work (University Project)