



Fahim Yusuf

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Nikunja-2, Dhaka, Bangladesh
[LinkedIn](#) | [GitHub](#)

Skills

Programming Languages:

Python, Java, C, HTML, CSS

Data Science & Machine

Learning: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, TensorFlow, Keras, Deep Learning.

Web Development: Django

Developer Tools: Git, GitHub, Firebase.

Trainings & Certifications

- **Data Science & Machine Learning with Python-Ostad**
Issued: November 2024
Credential ID: C19039
- **PY0101EN: Python Basics for Data Science- edX**
Issued: November 2021
Credential ID:
4a394168b2f449e69f1c5c5a565b8184

Language Proficiency

Bangla (Native): Excellent Command in reading, writing and speaking.

English: Excellent Command in reading, writing, and speaking.

Reference

Tania Khatun

Assistant Professor
Department of Computer Science and Engineering
Daffodil International University
E-mail: tania.cse@diu.edu.bd
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Objective

A recent master's graduate in Computer Science and Engineering with a strong foundation in machine learning, deep learning, and data science. Proven ability to develop and implement high-accuracy models for complex problems. Seeking to leverage skills in Python, Django, and Deep Learning frameworks to contribute to innovative AI-driven solutions.

Education

Jahangirnagar University

Master's degree in computer science and engineering, 2023-2025
CGPA: 3.58

Daffodil International University

Bachelor's degree in computer science and engineering, 2018-2022
CGPA: 3.54

Thesis

Optimizing Citrus Genus Identification: A Comparative Analysis of Machine Learning-based Methods

- Developed a high-performance deep learning model for the classification of citrus fruit genera by comparing MobileNet and Inception V3 architectures.
- Attained a best accuracy rate using the MobileNet model on a large dataset of over 22,000 images.
- Technologies Used: Python, Pandas, TensorFlow, Keras, OpenCV

Link: [GitHub Repository](#)

Brain Tumor Identification using Deep Learning Models

- Engineered and benchmarked deep learning models, including a custom Convolutional Neural Network (CNN) and VGG-16, to accurately identify brain tumors from MRI images.
- Achieved a peak classification accuracy with the VGG-16 architecture, demonstrating its effectiveness in medical image analysis.
- Technologies Used: Python, Pandas, TensorFlow, Keras, Scikit-learn.

Link: [GitHub Repository](#)

Project

Task Manager Application

- Built a secure, full-stack web application from the ground up to allow users to manage personal tasks.
 - Implemented core features including user registration, secure login/logout functionality, and full CRUD (Create, Read, Update, Delete) operations for tasks.
 - Technologies Used: Python, Django, PostgreSQL, HTML, CSS.
- Links: [GitHub Repository](#)