ASIF SHAHRIAR ARNOB

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EDUCATION

Military Institute of Science & Technology

Bachelor of Science in Computer Science & Engineering | 2018 – 2024

Mirzapur Cadet College

2010 – 2016
Higher Secondary Certificate | 2016

PUBLICATION

Comparative Result Analysis of Cauliflower Disease Classification Based on Deep Learning Approach VGG16, Inception v3, ResNet, and a Custom CNN Model
Hybrid Advances, Volume 10 (2025), Article 100440
DOI: 10.1016/j.hybadv.2025.100440

EXPERTISE

- Programming Languages: C, C++, Python
- Tools: MS Excel, Power BI
- Basic understanding of HTML, CSS, JavaScript
- Experience in Wordpress CMS
- Familiar with Agile methodologies and SDLC
- Expertise with web browser automation using Selenium, Playwright
- Building Agentic AI workflows using n8n
- Proficient using Git for collaborative development and code management
- Strong communication and interpersonal skills
- Libraries: Matplotlib, Numpy, Pandas
- Frameworks: Tensorflow, keras, Scikit-learn

EXTRA-CURRICULAR

- Excelled in sports, achieving the awards of **Best Player** in multiple tournaments of football, basketball, volleyball, athletics in cadet college, BAFA and university.
- Demonstrated exceptional skills on the football field, consistently contributing to team success and fostering a competitive spirit.

EXPERIENCE

Officer Cadet at Bangladesh Air Force Academy, BAFA

2017 - 2020
- Completed training at Bangladesh Air Force Academy, where I gained valuable skills in discipline, leadership and teamwork.

Intern at AITSO (Army Information & Technology Support Organization)

May 2021
- Participated in training and seminars to enhance skills and promote growth
- Acquired hands-on knowledge of data center operation and secure communication

Tech Support at GAO Tek Inc.

December 2024 - March 2025
- Collaborating with cross-functional teams ensuring seamless operation and troubleshooting of GAO Tek's advanced B2B technology solutions
- Creating, reviewing and uploading technical contents leveraging AI tools and Wordpress CMS
- Managing a team of interns to produce assigned tasks within deadlines

PROJECTS

Comparative analysis of Deep Learning algorithms to detect cauliflower disease | Undergraduate Thesis
- Performed training and evaluation of Resnet50, Inception v3, VGG16 and a custom model on a labelled dataset Compared the results on accuracy, loss, precision, recall, f1 score.

Flask Webhook API for Subscription Mnanagement
- A Flask application that serves as a webhook listener for managing user subscription data in a MongoDB database.

Amazon Web Scraper
- A Python-based web scraper that monitors Amazon product prices and sends an email notification when the price drops below a specified threshold.

Automated login using Selenium
- This Python script automates the process of logging into Facebook using Selenium WebDriver

Rock Paper Scissors game
- Developed a console-based Rock-Paper-Scissors game in C++. Players can compete against the computer by choosing rock, paper, or scissors.