Kowshik Chakraborty

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LinkedIn: https://www.linkedin.com/in/kowshik-chakraborty

GitHub: https://github.com/kowshikchakraborty-aiub

Gender: Male **Date of birth:** 9 Aug 1999 **Nationality:** Bangladeshi

ABOUT ME

As a recent Computer Science and Engineering graduate, with expertise in python, deep learning, machine learning, and data analysis, I am confident in my ability to make valuable contributions to computer vision, image processing, and other related fields. My ultimate goal is to become an expert in my field and to make meaningful contributions to the field through cutting-edge research and development.

WORK EXPERIENCE

[Aug 2021 – Dec 2021]

Intern Student

American International University-Bangladesh (AIUB)

City: Dhaka
Country: Bangladesh

Tasks
- Assigned as Lab Assistant, helped students solve their doubts, guarded during exam/quiz time, checked submission of assignments/quizzes/presentation files etc.

EDUCATION AND TRAINING

[21 Dec 2017 – 21 Feb 2022]

Computer Science & Engineering (CSE)

American International University-Bangladesh (AIUB)   https://www.aiub.edu/

Address: 408/1, Kuratoli, Khilkhet, 1229, Dhaka, Bangladesh
Final grade: 3.9 (Out of 4.00)

[2017]

Higher Secondary Certificate (HSC)

Hazi Misir Ali University College

Address: Delpara, Kutubpur, Fatulla, 1421, Narayanganj, Bangladesh
Final grade: 4.42 (Out of 5.00)

RESEARCH

A Comparative Analysis for the Detection of COVID-19 from Chest X-ray Dataset

- Introduced Deep Learning method (EfficientNet) for detecting COVID-19 and generated a comparative analysis
- Duration: 6 months
- Supervisor: MD. Kishor Morol

(Accepted by The International Conference on Recent Progresses in Science, Engineering and Technology - ICRPSET-2022)

PROJECTS

School Management System

- Web-based application developed using PHP, HTML, CSS, and JavaScript (DB: phpMyAdmin)
- Duration: 4 months
- Course Lecturer: MD. Al-Amin

Link: https://github.com/KowshikChakraborty-AIUB/School-management-system

ODI Cricket Matches Analysis Between 1971-2017

- Analyzed One-day format cricket matches held between 1971 to 2017
- Used Panda data frame and Python programming language

Link: https://jovian.ai/kowshikchakraborty6/odi-cricket-matches-analysis-between-1971-2017

Face Generation Using Generative Adversarial Network (GAN)

- Used GAN to generate images
- Programming Language: Python, Framework: PyTorch

Link: https://github.com/KowshikChakraborty-AIUB/CVPR/blob/master/CVPR Final Project (Summer 2020-21)/photo2cartoon_2train_Final-4.ipynb

DIGITAL SKILLS

Deep Learning Frameworks
Tensorflow | Keras | PyTorch

Programming Languages
C | C++ | C# | Java | MATLAB | Python

Web Development
PHP | HTML | CSS | JavaScript

Database
Oracle Database | phpMyAdmin | Microsoft SQLServer

Software/Apps
Microsoft Office (Word, Excel & PowerPoint) | Git Bash

Development Tools
Visual Studio & Visual Studio Code | Xammp | Jupyter Notebook | Google Colaboratory

Operating System (OS)
Windows | Linux (Ubuntu)

PERSONAL SKILLS

Soft Skills

- Problem-solving, Time-management, Discipline, Responsible

CERTIFICATIONS

Intro to Machine Learning, Kaggle
Link: https://www.kaggle.com/learn/certification/kowshikchakraborty/intro-to-machine-learning

Data Analysis With Python: Zero to Pandas, Jovian
Link: https://jovian.ai/certificate/MFQTKMRXHE

Deep Learning with PyTorch: Zero to GANs, Jovian
Link: https://jovian.com/certificate/MFQTKNRXGQ

ACTIVITIES

Extra-curricular Activities

- Participated in an ICT quiz at the CS Fest organized by AIUB in 2018
- Participated at the 2021 Cisco Networking Academy National Skills Competition Bangladesh
- Participated in "Full Stack Web Development Roadmap" organized by IEEE CUET WIE Affinity Group Student Branch

LANGUAGE SKILLS

Mother tongue(s): Bengali

Other language(s): English

RECOMMENDATIONS

Name: MD. KISHOR MOROL
Phone number: (+880) 01709672964
Email: kishor@aiub.edu

Assistant Professor, Computer Science

American International University-Bangladesh (AIUB)

Name: Dr. Debajyoti Karmaker
Phone number: (+880) 01880602840
Email: d.karmaker@aiub.edu

Associate Professor, Computer Science

American International University-Bangladesh (AIUB)