MD. MAHEDI HASAN RIDAY

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EXPERIENCE

Teaching Assistant

Southeast University

June 2019 - September 2019 Dhaka, Bangladesh

- Planned and prepared teaching aids, such as worksheets, Short Articles, slides to assist with daily lessons.
- Assist undergraduate research team.
- Tutored students with special needs.

EDUCATION

Southeast University

Bachelor of Science: Computer Science and Engineering

September 2019 Dhaka, Bangladesh

CGPA : 3.72

RESEARCH AND PUBLICATION

- Predicting the outcome of a football match based on match & team statistics [Submitted: ICCIT-2019]

RELATED COURSES AND CERTIFICATES

Deep Learning Specialization

Coursera

On-Going

Computer Vision Nanodegree

Udacity

On-Going

AREAS OF INTEREST

- Artificial Intelligence
- Machine Learning
- Deep Learning
- Computer Vision

SKILLS

- Deep Learning Algorithms and it's Framework: CNN, RNN, MLP, PyTorch, Keras
- Programming Language: Python, C++, C
- Image Processing: OpenCV
- Others: Git, Latex, Ubuntu

PROJECTS

Image Captioning

- Developing an image captioning model using Convolutional Neural Networks (CNN) and Recurrent Neural Networks (RNN) knowledge to build a deep learning model that produces captions given an input image [On-Going]

Facial Keypoints Detection

- Using computer vision techniques and deep learning architectures developed a facial key-point detection system. Facial keypoints include points around the eyes, nose, and mouth on a face.[Code]

Aerial Cactus Identification

- Using Convolutional Neural Network, Developed a model to identify a specific type of cactus in aerial imagery. [Code]

Generating Anime Faces

- Developed a GAN based model for generating anime faces.[On-Going]

Identifying Pneumonia by Image-Based Deep Learning Model

- Developed a Convolution Neural Network based model to detect Pneumonia using X-Ray images of Chest.[Code]

ACHIEVEMENT

- Got Selected for Facebook Secure and Private AI Scholarship Challenge.

CO-CURRICULAR ACTIVITIES

- Worked as an online volunteer for Facebook-Udacity Scholarship challenge on Secure and Private AI [Study Group Moderator]