MD. MAHEDI HASAN RIDAY

+88 01516134040 mhriday@protonmail.com mhriday.github.io linkedin.com/in/mhriday github.com/MHRiday

AREAS OF INTEREST

Deep Learning | Software Development

EXPERIENCE

Teaching Assistant

Southeast University

June 2019 - October 2019 Dhaka, Bangladesh

- Carried out administrative tasks
- Planned and prepared teaching aids, such as worksheets, Short Articles, slides to assist with daily lessons.
- Assisted students woth their innovative ideas.
- Supported the students who needed extra help

EDUCATION

Southeast University

Bachelor of Science: Computer Science and Engineering

2015 - 2019 Dhaka, Bangladesh

CGPA : 3.72

RELATED COURSES AND CERTIFICATE

Deep Learning Specialization [1 - 4]

Coursera

January 2020

Computer Vision Nanodegree

Udacity

September 2019 - January 2020 [CER.]

CO-CURRICULAR ACTIVITIES

- Worked as an online volunteer in Secure and Private AI scholarship challenge organized by Facebook and Udacity.

SKILLS

- Deep Learning Framework: PyTorch, Keras, TensorFlow
- Programming Language: Python, C++
- Web Framework: Django
- Image Processing: OpenCV
- Others: Web scraping, Git

PROJECTS

Indoor Location & Navigation

- Create a machine learning model to detect a smartphone's location in a shopping mall. [Ongoing]

Landmark Detection & Robot Tracking

- Created a map of an environment using just sensor and motion data collected by a robot utilizing Simultaneous Localization and Mapping (SLAM) in a two-dimensional world. [Code]

Image Captioning

- Convolutional Neural Networks (CNN) and Recurrent Neural Networks (RNN) were used to develop a deep learning model that generates captions from an input image. [Code]

Facial Keypoints Detection

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

Identifying Pneumonia

- A deep learning model was developed to diagnose Pneumonia from a given X-Ray image.[Code]