Curriculum Vitae

PRAMIT DUTTA

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Academic Credentials

Bachelor of Science in Electronics and Telecommunication Engineering (Pursuing) **CGPA:3.77/4.00**

Chittagong University of Engineering & Technology (CUET)

January 25, 2018-Present

Mentionable Courses: Basic Electrical Engineering, Computer Programming and Numerical Analysis, Electronics-I and II, Data structure and Algorithm, Signal and System, Digital Logic Design, Control System, Digital Communication, Digital Signal Processing, Multimedia Communication, Neural and Fuzzy Systems in Communication

Work Experience

Engineering Intern (Remote)   May 2021 – September 2021 (4 month)

GaoTek Inc.

Description: Worked as an engineering interns. My responsibility was to provide tech support to my teams.

Certificate: Certificate-1, Certificate-2, Certificate-3

Field of Interest

I am a Machine Learning enthusiast. My field of interest is deep learning. Most of my undergraduate projects are on the application of deep learning in the field of computer vision. I also have some working knowledge in the field of IoT, Biomedical Engineering and Intelligent Control

Technical Skills

Programming: Python, MATLAB, LaTex, PHP, MySQL

Framework: Tensorflow

Engineering Software: MATLAB, Simulink, Fuzzy Logic Toolbox

Projects

1. Brain Tumour Classification Using Transfer Learning   **Check It Out**

  - A model to classify different types of brain tumour into their particular types using transfer learning model Inception V3.

2. Automated Egg Incubator   **Check It Out**

  -Designed a fuzzy logic model to control relative humidity and temperature in an incubator

3. Face Detection   **Check It Out**

  - A model to detect human face in an image using OpenCV in python

Research Experience

Reviewer: 1. Reviewer at IAES International Journal of Artificial Intelligence [Certificate]
           2. Reviewer at Bulletin of Electrical Engineering and Informatics [Certificate]

Scholarships

Technical Board Scholarship *(6 consecutive times)*   2018-2022

The Scholarship is given to the students for securing top position in the class.

Extra-Curricular Activities and Achievement

Achievement:

- ☐ 2nd Runner Up in Recruitment4.0 organized by JobMarketBDLtd. [Click Here]
- ☐ 2nd Runner Up in Leadership4.0 organized by JobMarketBDLtd. [Click Here]

Position:

- ☐ Member and Mentor at Debating Society CUET (CUET DS)
- ☐ Executive Member of CUET Carrier Club (CUET CC)

Linguistic Proficiency

✦ Bangla (Native Language)

✦ English (Fluent Working Proficiency)

Publications

1. N. Anjum and P. Dutta, "Identifying Counterfeit Products using Blockchain Technology in Supply Chain System," 2022 16th International Conference on Ubiquitous Information Management and Communication (IMCOM), 2022, pp. 1-5, doi: 10.1109/IMCOM53663.2022.9721789. [Check Out The Paper]

2. P. Dutta, T. Roy and N. Anjum, "COVID-19 Detection using Transfer Learning with Convolutional Neural Network," 2021 2nd International Conference on Robotics, Electrical and Signal Processing Techniques (ICREST), DHAKA, Bangladesh, 2021, pp. 429-432, doi: 10.1109/ICREST51555.2021.9331029. [Check Out The Paper]

3. P. Dutta and N. Anjum, "Optimization of Temperature and Relative Humidity in an Automatic Egg Incubator Using Mamdani Fuzzy Inference System," 2021 2nd International Conference on Robotics, Electrical and Signal Processing Techniques (ICREST), DHAKA, Bangladesh, 2021, pp. 12-16, doi: 10.1109/ICREST51555.2021.9331155. [Check Out The Paper]

4. P. Dutta, K.A. Sathi & M.S. Islam, "Multi-Classification of Brain Tumour Images Using Transfer Learning Based Deep Neural Network," 2020 International Virtual Conference on ARTIFICIAL INTELLIGENCE FOR SMART COMMUNITY, Malaysia. [Check Out The Paper]

Certification

1. Machine Learning an online non-credit course authorized by Stanford University and offered through Coursera**[External Link]**

2. DeepLearning.AI TensorFlow Developer Professional Certificate**[External Link]**

4. Internet of Things provided by Planetter Ltd.**[External Link]**

5. TensorFlow Advance Techniques Specialization Certificate authorized by DeepLearning.AI and offered through Coursera**[External Link]**

References

Available Upon Request