Curriculum Vitae
PRAMIT DUTTA
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[Click on the icons to visit my profile]

Academic Credentials

Bachelor of Science in Electronics and Telecommunication Engineering

CGPA:3.81/4.00 (3.88/4.00 in last 4 semester) Merit Position: 3rd

Chittagong University of Engineering & Technology (CUET)   January, 2018- March, 2023

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

- **Domain:** Machine Learning, Internet of Things, Web Development
- **Programming Language:** Python, MATLAB, LaTex, PHP, SQL
- **Framework:** Tensorflow
- **Simulation Software:** Fuzzy Logic Toolbox, Simulink, Cadence, Cisco Packet Tracer, 8086 Emulator

Research Experience

Undergraduate Thesis:

Title: Conv-ViT: A Convolution and Vision Transformer based Hybrid Feature Extraction Method to Detect Retinal Disease Detection [Thesis] [Publication]

Description: A triple stream feature extractor which fuse the feature extracted by Inception V3, ResNet-50 and Vision Transformer.

Supervisor: Dr. Md. Azad Hossain

Publication:

Serial No	Title	URL
01.	Conv-ViT: A Convolution and Vision Transformer based Hybrid Feature Extraction Method to Detect Retinal Disease Detection	[Check Out The Paper]
02.	Identifying Counterfeit Products using Blockchain Technology in Supply Chain System	[Check Out The Paper]
03.	COVID-19 Detection using Transfer Learning with Convolutional Neural Network	[Check Out The Paper]
04.	Optimization of Temperature and Relative Humidity in an Automatic Egg Incubator Using Mamdani Fuzzy Inference System	[Check Out The Paper]
05.	Multi-Classification of Brain Tumour Images Using Transfer Learning Based Deep Neural Network	[Check Out The Paper]

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

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. Stock Price Prediction   **Check It Out**

   -Designed a RNN model to predict upward or downward trend of Google Stock Price

3. Face Detection   **Check It Out**

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

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

Extra-Curricular Activities and Achievement

Achievement:

☐ 2nd Runner Up in Recruitment4.0 organized by JobMarketBDLtd.
☐ 2nd Runner Up in Leadership4.0 organized by JobMarketBDLtd.

Position:
- ☐ Research Secretary at CUET Carrier Club (CUET CC)
- ☐ Member and Mentor at CUET Debating Society (CUET DS)

Scholarships

Technical Board Scholarship *(8 consecutive times)*   2018-2023

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

Linguistic Proficiency

Test: International Language Testing System (IELTS)

Exam Date: 23rd September, 2023

Speaking	Listening	Reading	Writing	Overall
7.0	8.5	9.0	6.5	8.0

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]**
3. TensorFlow Advance Techniques Specialization Certificate authorized by DeepLearning.AI and offered through Coursera **[External Link]**
4. AI For Medicine Specialization Certificate authorized by DeepLearning.AI and offered through Coursera **[External Link]**
5. Internet of Things provided by Planeter Ltd. **[External Link]**

References

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