

Dibaloke Chanda

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Work Experience

Jan 2023 - Present	Graduate Assistant in Marquette University
March 2021 - Dec 2022 [Full Time]	Lecturer <i>Military Institute of Science and Technology (MIST)</i>
Mar 2021 - Dec 2022 [Part Time]	Research Mentor <i>Visual Information Processing(VIP) Lab, MIST</i> <ul style="list-style-type: none">• R&D on Computer Vision Applications, Machine Learning Architectures.• Mentoring young researchers and conducting technical sessions.
Jul 2020 – Feb 2021	Senior Mentor (Android and IOS App Development) <i>MIST Innovation Club</i>

Education

Jan 2023 - Present	Marquette University, Milwaukee, WI <i>Master's in Data Science (GPA: 4.00 till now)</i>
Feb 2017 - Feb 2021	Military Institute of Science and Technology, Bangladesh University of Professionals(Dhaka, Bangladesh) <i>B.Sc. in Electrical, Electronic and Communication Engineering</i> (Major: Communication , CGPA: 3.98/4.00 , Rank: 2/87)

Research Interests

• Computer Vision • Explainable AI • Machine Learning • Probabilistic Models • Generative AI • Graph Neural Network

Technical Skills

- **Programming Languages and Tools:** *Python, Matlab, R, C, C++ , LaTeX, Java, Javascript, SQL, PHP, Dart, Assembly*
- **Deep Learning & Computer-vision Packages:** *Keras, TensorFlow, PyTorch, Scikit-Learn, Open-CV, Mediapipe*
- **Web Development & App Development:** *Nodejs, Django, Flask, Flutter*
- **Data Processing & Visualization:** *Numpy, Pandas, Matplotlib, Seaborn, Plotly*
- **Robotics:** *Arduino, Raspberry Pi & Micro-controllers*
- **Graphics Design Software:** *Inkscape, Adobe XD*
- **Other Software:** *Pspice, Orcad, Proteus Design Suite*
- **Networking Software:** *Cisco Packet Tracer*

Selected Certifications | Issued by Coursera

- Computer Vision Basics
- Data Science Math Skills
- Managing Machine Learning Projects with Google Cloud
- Understanding and Visualizing Data with Python
- Inferential Statistical Analysis with Python
- Neural Networks and Deep Learning
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization
- Structuring Machine Learning Projects
- Convolutional Neural Networks
- Sequence Models
- Deep Learning Specialization