

MARISA PARVEZ OISHY

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CAREER OBJECTIVE

Motivated CSE student with hands-on experience in machine learning and software development. Skilled in Python, HTML, CSS, JavaScript and data analysis with a focus on real-world problem solving. Strong organizational and communication skills with tutoring experience. Passionate about technology, continuous learning, and delivering impactful results.

EXPERIENCE

- **Diabetic Retinopathy Detection** [Kaggle]

Developed a CNN-based model to classify retinal fundus images for early detection of diabetic retinopathy. Improved diagnostic accuracy by applying image preprocessing and augmentation techniques.

- **Brain Tumor MRI Classification** [Kaggle]

Built a convolutional neural network to classify brain MRI images into tumor and non-tumor categories. Enhanced performance using transfer learning and regularization methods.

- **Heart Failure Prediction** [GitHub]

Applied machine learning algorithms on clinical datasets to predict heart failure risks. Focused on data preprocessing, feature selection, and performance evaluation with metrics.

- **Student Performance Analysis** [GitHub]

Analyzed student performance factors using classification models to identify key predictors of academic success. Provided insights through data visualization and feature importance analysis.

- **Rice Leaf Disease Detection** [Kaggle]

Designed a deep learning model to detect and classify rice leaf diseases from image datasets. Aimed to support precision agriculture and reduce crop yield loss.

EDUCATION

BSC in Computer Science And Engineering [2022-Present]

International University of Business Agriculture and Technology

SKILLS

Technical Skills

- **Language:** Python, HTML, CSS, JavaScript
- **Machine Learning:** Scikit-learn, TensorFlow, Keras
- **Data Analysis & Visualization:** Pandas, NumPy, Matplotlib, Seaborn
- **Tools:** Jupyter Notebook, Git, VS Code

Soft Skills

- Problem-Solving & Critical Thinking
- Strong Communication & Tutoring Experience
- Time Management & Organizational Skills
- Ability to Work Independently and in a Team

CERTIFICATIONS & TRAINING

PYTHON WITH MACHINE LEARNING- EDGE, ICT DIVISION, BANGLADESH| 2025