Mridul Kanti Kundu

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CAREER OBJECTIVES

To leverage my knowledge in Data Science, Machine Learning, Computer Vision, and Data Mining to extract meaningful insights, develop data-driven solutions, and contribute to innovative projects. I aim to apply my analytical and problem-solving skills in a dynamic and challenging environment, continuously enhancing my expertise while making a significant impact in the field of data science.

EDUCATIONIONAL BACKGROUND

Bachelor of Science in Computer Science and Engineering Jan 2022 - Present
CGPA 3.63 (out of 4.00)
American International University Bangladesh

Joypurhat Govt. College, Joypurhat 2017 - 2019
Higher Secondary Certificate
GPA 4.83 (out of 5.00)

RAMDEO BAZLA GOVT. HIGH SCHOOL, Joypurhat 2017
Secondary School Certificate
GPA 5.00 (out of 5.00)

PERSONAL STATEMENT

I am a highly motivated and detail-oriented Computer Science and Engineering student at AIUB with a strong foundation in Data Science, Machine Learning, Computer Vision, and Data Mining. My academic coursework has equipped me with analytical skills, data-driven problem-solving abilities, and hands-on experience in working with complex datasets. I am eager to apply my expertise in a professional setting, contributing to innovative solutions and advancing my knowledge in the field of data science.

SKILLS

- Programming Languages: C++, Java, C#, Python, JavaScript, PHP, R, SQL
- Web Development: HTML, CSS, JavaScript, PHP
- Database Management: SQL (MySQL, SQL Server)
- Software Development: Object-Oriented Programming (OOP)
- Machine Learning & Data Science: Supervised & Unsupervised Learning, Deep Learning, Data Visualization, Model Optimization

UNDERGRADUATE THESIS

I am currently conducting an unofficial undergraduate thesis in the field of Deep Learning, focusing on developing a Generative Adversarial Network (GAN).

PROJECTS

Food Management System (Java) **2022**
Technologies:

- Java, MySQL/PostgreSQL, Java Swing/JavaFX, JDBC/Hibernate
- Secure Authentication (BCrypt/SHA), Payment Integration (PayPal/Stripe)
- **Admin Panel** – Manage food, orders, customers
- **Customer Reviews** – View & analyze feedback
- **Secure Login** – Authentication & password management
- **Payments** – Seamless transaction handling

Car Selling Management (C#) 2024
Technologies:
- C#, MySQL (Database), Secure Payment Integration (Card/Online Banking)
- **Admin Panel** – Manage cars, users, and transactions
- **Car Categorization** – New & used vehicle listings
- **Secure Authentication** – Login/logout, customer management

Mango Leaf Disease (Machine Learning) 2024
Technologies:
- Machine Learning, Classification & Diagnosis Algorithms
- **Disease Detection** – Applied ML models for accuracy
- **Model Evaluation** – Compared algorithms for best results

Traveling to Cox's Bazar (OpenGL) 2023
Technologies:
- OpenGL (GLUT), C++
- **Interactive Simulation** – Journey from Komlapur to Cox's Bazar
- **User Controls** – Mouse, keyboard, smooth animations

Helping Individuals Cope with Depression 2024
Focus Area:
- Psychological Study, Mental Well-being Strategies
- **Research Paper** – Explores interventions for mental health
- **Effective Methods** – Strategies to reduce depression levels

Job Junction (HTML, CSS, JavaScript, PHP) 2024
Technologies:
- Web Development (HTML, CSS, JavaScript, PHP), MySQL
- **Freelance Platform** – Browse and apply for jobs
- **Client Portal** – Post job listings & hire freelancers

PROFESSIONAL INTERESTS

1. Project Management
2. Public Relations
3. Teamwork
4. Time Management
5. Leadership & Critical Thinking

LANGUAGE PROFICIENCY

English (Fluent) ,Bangla (Fluent) ,Hindi (Basics)

REFERENCES

Dr. Mohammad Anisur Rahman Jamil
Assistant Professor of Chemistry at American
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