Shafayet Rajit

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I am a curious and focused person committed to pursuing a well-decorated career. My technical depth lets me seamlessly work cross-functionally to turn ideas into reality, optimizing operations and enhancing experiences. I constantly seek opportunities to push boundaries and contribute to cutting edge advancements. I am adaptable, thrive in challenging situations, and am eager to learn and grow professionally.

EXPERIENCE

Advanced Artificial Intelligence Trainer　　　　　　　　　　　　　　　April 2024 – Present
Invisible Technologies Inc.
- Teaching LLMs to better understand specific nuances, contexts, or specialized domains.
- Identifying inconsistencies, biases, or errors in AI outputs and helping refine model behavior.
- Continuously optimize model training workflows for greater efficiency and accuracy.
- Maintain rigorous quality standards by iterating on feedback to improve model performance.

Research Assistant　　　　　　　　　　　　　　　December 2023 – September 2024
North South University
- Develop and refine deep learning algorithms tailored for medical imaging applications to enhance diagnostic accuracy and efficiency.
- Research and implement secure data transfer protocols to protect sensitive clinical data while facilitating seamless collaboration among healthcare professionals.

EDUCATION

Bachelor of Science (BS) in Computer Science and Engineering　　　　　　　　　　2019 - 2023
North South University
CGPA: 3.35 (87% - 89%)

PUBLICATIONS

1. Md Yearat Hossain, Md Mahbub Hasan Rakib, **Shafayet Rajit**, Ifran Rahman Nijhum, and Rashedur M. Rahman, **"Adaptive and Automatic Aerial Image Restoration Pipeline Leveraging Pre-Trained Image Restorer with Lightweight Fully Convolutional Network"**, Expert Systems with Applications, 2024, 125210. [DOI](#)

2. **Shafayet Rajit**, Zannatul Ferdous, Md. Mashruf Ehsan, Nazmoon Nahar, and Shahnewaz Siddique, **"Multi class Brain Tumor Classification of MRI Image using Federated Learning with Blockchain"**, IEEE Region 10 Symposium (TENSYMP) 2024. [DOI](#)

EXTRACURRICULAR ACTIVITIES

Treasurer　　　　　　　　　　　　　　　　　　　　　　　　　　　　2022
NSU ACM Student Chapter
- Oversee fundraising efforts and financial initiatives to support chapter activities and events, increasing overall engagement and participation.
- Coordinate with ACM headquarters and NSU authorities to communicate chapter activities, financial status, and compliance with organizational guidelines.

SKILLS & INTERESTS

Programming | Python | Java | Matlab | R | SQL | Deep Learning | Computer Vision | Keras | Tensorflow | PyTorch | Pandas | Matplotlib | OpenCV | Scikit learn | Machine Learning | Statistical Analysis | Web Development | Flask | Django | FastAPI | Academic Research | Technical Writing | Problem Solving | Quality Control | Time Management