Reazul Hasan Prince

Prospective PhD Student in Computer Vision | +8801851918442 | hasanriazul4@gmail.com
Prince's Portfolio | LinkedIn: https://www.linkedin.com/in/rhp3 | GitHub: https://github.com/prince

Electrical & Computer Engineering graduate with a strong foundation in computer vision and deep learning, demonstrating progressive experience in AI-driven visual recognition solutions. Aspiring researcher eager to pursue advanced studies in Artificial Intelligence at a prestigious institution, aiming to deepen expertise in intelligent systems, complex visual recognition challenges, and innovative research applications.

EDUCATION

B.SC IN ELECTRICAL & COMPUTER ENGINEERING (ECE)   **Feb 2018 – Oct 2023**
Rajshahi University of Engineering & Technology (RUET)
CGPA: 3.28 out of 4.00
Award: Technical Scholarship for 4 years.

Major Coursework: Neural Networks & Fuzzy Logic, Data Structure and Algorithms, Object Oriented Programming, Database Systems, Operating Systems, Computer Networks, Network Security, Computer Architecture, Microprocessor & Assembly Language.

Minor Coursework: Circuits and Systems I & II, Analogue Electronic Circuits I & II, Electrical Machines I & II, Power Station, Switchgear and Protection, Power System, Power System Operation and Control

HIGHER-SECONDARY SCHOOL CERTIFICATE (HSC)   **Jun 2015 - Jul 2017**
Dhaka City College, Dhaka
GPA: 5.00 out of 5.00
Subject: Science

RESEARCH & PUBLICATIONS

- **CSXAI: a lightweight 2D CNN-SVM model for detection and classification of various crop diseases with explainable AI visualization**
    - First Author | Published in Frontiers | Q1 Journal
    - Field: Computer Vision | Deep Learning
    - Repository Link | Paper Live Link

- **Beyond the Leaf: Intelligent Lightweight Disease Detection in Tea Plants with Spatial Convolutional Neural Networks and Explainable AI**
    - First Author | Processing to submit in a Q1 Journal
    - Field: Computer Vision | Deep Learning
    - Repository Link

TECHNICAL SKILLS

- **Programming**: C/C++, Python, HTML, CSS, JavaScript
- **Machine Learning/Deep Learning**: Pytorch, TensorFlow, Keras, SciKit-Learn
- **Frameworks & Tools:** Tailwind CSS, React, Firebase Authentication
- **Databases:** MySQL, MongoDB

EXPERIENCE

Qatar University Machine Learning Group   **May 2024 – Ongoing**
Research Volunteer
- Conducting in-depth research to identify trends and develop predictive models.
- Reviewing literature to identify research gaps and formulate study objectives.
- Collaborating with research assistants in drafting and refining research papers.

Wall Street Docs (US based company)   **April 2024 – Ongoing**
US Junior Filling Specialist
- Converting documents, primarily from Bank of America, into web-based formats for client presentations.
- Ensuring timely and accurate delivery of completed web pages to meet client expectations.
- Collaborating with team members to ensure accuracy and consistency in document formatting while working remotely to maintain productivity and effective communication across teams.

PROJECTS

- **Book Buzz** – Web app for suggesting books using HTML, Tailwind CSS, JavaScript, React, React-Router, Firebase Authentication
  GitHub | Live Demo

- **Alpha Clash Pro Game** – Web game for kids using HTML, Tailwind CSS, Daisy UI, Document Object Model (DOM)
  GitHub | Live Demo

- **E-Ticket System** – E-ticketing system in HTML, Tailwind CSS, Daisy UI, JavaScript
  GitHub | Live Demo

TRAINING

- **Industrial Attachment: Power System Control & Operation, Asuganj Power Station Company Limited, Bangladesh**

LANGUAGES

- Bengali (native),
- English (IELTS band 7)

REFERENCES

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