Samura Rahman

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in linkedin.com/in/samurarahman14/   ⊙ github.com/Samurarahman   🔗 samaura-portfolio-2.netlify.app

A Computer Science graduate in Data Science with strong interests in Artificial Intelligence, Machine Learning, and Deep Learning. Known as a quick learner with a drive to explore innovative technologies, I also have hands-on experience in web development, applying creativity and problem-solving to build impactful solutions.

Education

BSc in Computer Science and Engineering, East West University, **CGPA: 3.36 October, 2021 - September, 2025**

Higher Secondary Certificate, Dr. Mahbubur Rahman Mollah College, **GPA: 5.00**   2020

Secondary School Certificate, Sobuj Biddapith School And College, **GPA: 5.00**   2018

Skills

Programming Languages: C,C++, PHP, HTML, CSS, Python
Office Tools: MS Excel, MS word, MS PowerPoint, Autocad, Github.

Publications

- Shayan Abrar, Samura Rahman, Ishrat Jahan Momo, Mahjabin Tasnim Samiha, B. M. Shahria Alam, Mohammad Tahmid Noor, and Nishat Tasnim Niloy, **Smart Diagnosis and Early Intervention in PCOS: A Deep Learning Approach to Women's Reproductive Health**, 16th International Conference on Computing, Communication, and Networking Technologies (ICCCNT-2025), IIT Indore, Madhya Pradesh, India, 6-11 July 2025. [Presented]

- Sofia Noor Rafa, Tasfia Tahsin Annita, Mohammad Tahmid Noor, Samura Rahman, Victor Dhrubo, Md. Al Ehtesum Korim, and, Ahmed Wasif Reza, **Developing a Framework to Distinguish Green Behaviour among Plastic Consumers using Machine Learning Approaches**, 5th International Conference on Computing and Communication Networks (ICCCNet-2025), Manchester, United Kingdom, 1-3 August 2025. [Presented]

- M.S.H. Khan, T.T. Annita, S. Rahman, M.R.A Rashid, and R.U. Islam, **"Bangladeshi Dry Food Image Dataset for Machine Learning Applications"**. Data in Brief, (2025). [Submitted]

- M.A. Rahman, M.S.H. Khan, Y. Watanobe, M.T. Zarin, T.T. Annita, S. Rahman, M.S. Hossain, S.A. Aitijjo, R.I. Taskin, V. Dhrubo, A. Hanip, and T. Bhuiyan, **"Advancements in Breast Cancer Detection: A Review of Global Trends, Risk Factors, Imaging Modalities, Machine Learning, and Deep Learning Approaches"**. MDPI, (2025). [Accepted]

Projects

Online Food Order and Delivery Management System   *THE EWU SLICE* ⧉

- Developed a full-stack web application inspired by Domino's Pizza for an online chained restaurant platform as part of the CSE 412 - Software Engineering course at East West University. This platform allows customers to browse menus, customize orders, track deliveries in real-time, and access personalized experiences, while also providing powerful admin and rider dashboards for restaurant management and delivery tracking.

Extracurricular Activities

Organizer at East West University "CSE FEST 2024".
Organizer at East West University "Gamecon Season 1".
Volunteered at East West University 24th Convocation.
Volunteered at "Concord Lake City Fair" hosted by PROTHOM ALO.
Club Activities: Sub Executive , EWU Computer Programming Club (EWUCoPC)

Achievements

- 2nd position in poster presentation category, "EWU National Science Carnival 2.0".
- Participated in 14th Dhaka Metropolitan Jamboree Camp Organized by Bangladesh Scout.