

Syed Rohit Zaman

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EDUCATION

Bangladesh University of Engineering and Technology (BUET) <i>M.Sc. Engg. in Computer Science and Engineering</i> (Ongoing)	Dhaka, Bangladesh <i>July 2023 – Present</i>
Military Institute of Science and Technology (MIST) <i>B.Sc. Engg. in Computer Science and Engineering</i> CGPA: 3.68 on a scale of 4.00	Dhaka, Bangladesh <i>January 2017 – May 2021</i>
Bir Shrestha Noor Mohammad Public College <i>Higher Secondary</i> GPA: 5.0 on a scale of 5.00	Dhaka, Bangladesh <i>July 2014 – July 2016</i>
Bir Shrestha Noor Mohammad Public College <i>Secondary</i> GPA: 5.0 on a scale of 5.00	Dhaka, Bangladesh <i>June 2014</i>

PROFESSIONAL EXPERIENCE

Adjunct Lecturer <i>CSE Department, Sonargaon University (SU)</i>	February 2025 – June 2025 <i>Dhaka, Bangladesh</i>
Mathematics and ICT Instructor - Part-time, Udvash - Teaching Mathematics and ICT courses	January 2017 – Present <i>Dhaka, Bangladesh</i>
Software Engineer, MIST ICT Directorate, MIST - Maintaining the educational management Software of MIST - Maintaining the Official Website of MIST - Managing in-house Software Development Projects and Databases	July 2021 – August 2024 <i>Dhaka, Bangladesh</i>
Industrial Trainee, Robi Axiata Limited	December 2019 – January 2020 <i>Dhaka, Bangladesh</i>

PUBLICATIONS

Conference:

- "One Source to Detect them All: Gender, Age, and Emotion Detection from Voice", 2021 IEEE 45th Annual Computers, Software, and Applications Conference (COMPSAC), Madrid, Spain, DOI: 10.1109/COMPSAC51774.2021, lead author; Scopus
- "How Usability and User Experience Vary Among the Basic m-Commerce, AR and VR Based User Interfaces of Mobile Application for Online Shopping", International Conference on Design and Digital Communication, DIGICOM 2021: Advances in Design and Digital Communication II pp 44–53, Barcelos, Portugal, Co-author; Scopus
- "A Mobile Application for Mental Health Care During COVID-19 Pandemic: Development and Usability Evaluation with System Usability Scale", International Conference on Computational Intelligence in Information System, CIIS 2021: Computational Intelligence in Information Systems pp 33–42, Brunei, Co-author; Scopus
- "Obesity and Mental Health During the COVID-19 Pandemic: Prediction and an Exploration of Their Relationship" In: Hossain, M.S., Majumder, S.P., Siddique, N., Hossain, M.S. (eds) The Fourth Industrial Revolution and Beyond. Lecture Notes in Electrical Engineering, vol 980. Springer, Singapore.

- "User Experience and Usability Challenges in E-Tourism: Bangladesh Perspective.", Intelligent Systems Design and Applications. ISDA 2023. Lecture Notes in Networks and Systems, DOI: 10.1007/978-3-031-64779-6_26, Co-author; Scopus
- "From Blackboards to Byteboards: Adapting to the Digital Age in Undergraduate Education on Campus," 2023 17th International Conference on Signal-Image Technology and Internet-Based Systems (SITIS), Bangkok, Thailand, 2023, pp. 54-61, doi: 10.1109/SITIS61268.2023.00018. Co-author; Scopus

NOTABLE PROJECTS

VARSHOPIX | *Unity Game Engine, Firebase, Vuforia, Lean Touch, Photon Server*

- Augmented and Virtual Reality enable e-commerce based furniture shopping android application (Undergraduation Integrated Design Project)

DeepMolar | *Keras, Hybrid Deep Learning algorithm, Augmentation, Streamlit*

- A deep Learning Approach for Classifying Fully Erupted, Impacted and Partially Impacted Third Molar (Master's Deep Learning Course Project)

"MUKTOMON", VIRTUAL THERAPY AND MENTAL HEALTH APP | *Android Studio, Firebase, IBM Watson*

- A platform for giving mental health support by providing virtual therapy, AI based chatbot and communication breach with Doctor and patient. Participated in an international Hackathon launched by UNESCO, IBM SAP.

ACTIVITIES

- Participated in CodeTheCurve Hackathon (Partnership with IBM and SAP) in 2020
- Participated in Intra MIST Programming and Gaming Competition 2018
- Participated in MIST CSE Fest Programming Contest 2018
- Participated in MIST Inter University Programming Contest (IUPC) 2019
- Taken Game Development online classes using UNITY Game Engine under MIST Computer Club

TECHNICAL SKILLS

Programming Languages: Python, R, C/C++, C, Java, PL/SQL

Data Analysis and Visualization

Machine Learning and Deep Learning Algorithms

Big Data Technologies

Software Engineering

Website and Mobile application development

Game Development using Unity

AR VR Application Development

Others: Well presentation & technical writing skill. Used to both individual & team/group work.

COURSERA COURSES

- Crash Course on Python (Google, 2020)
- Practical Machine Learning (John Hopkins University, 2020)
- R Programming (John Hopkins University, 2020)
- A Crash Course in Data Science (John Hopkins University, 2020)

REFERENCES

Dr. Rifat Shahriyar

Professor

Department of CSE, BUET

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Lt Col Muhammad Nazrul Islam, PhD

Associate Professor

Department of CSE, MIST

Email: nazrul@cse.mist.ac.bd