Tamal Joyti Roy
Data Scientist & IT Enthusiast

INTENTION

To pursue my goals with my skills and try to do something good for our planet Earth. As an environmentalist, I always wanted to work for the betterment of our planet, people, and most of all for our society.

PERSONAL DETAILS

Father's Name: Tapan Kumar Roy
Mother's Name: Sulekha Sarker
Date of Birth: June 13, 1997
Gender: Male
Marital Status: Single
Nationality: Bangladeshi
National Id No. :7802977129
Permanent Address:8 Bakshipara, Khulna

MY PHILOSOPHY

``**Free the animals from the Zoo, every animal deserves to be free Eat less meat and do something for planet Earth''**

CONTACT

Primary Mobile No: +8801988023315

Email: tjroy13june@gmail.com

RESEARCH INTEREST

Data Mining
Data Science
Machine Learning
Computer Vision
Artificial Intelligence
Bio-Informatics
Image Processing etc.

OTHER INTEREST

Mathematics
Evolution
Nonfiction Books
Digital Paining, Design

WORK EXPERIENCE

UNITED WE CARE
Data Scientist
1 December 2021 To Present (Full-Time)

INFORMATION TECHNOLOGY EDUCATION NETWORK
Co-Founder
13 September 2021 – Present

Backspace Global
(Social Media Manager, Content Writer, Data Analyzer)
February 27th, 2019 To June 19th 2020 (Part-Time)

Upwork
(Freelancer) December 28th,2019 To Present (Part-Time)

EDUCATION

Degree	Major	Institute	Result	Passing Year
M.Sc. in Eng. (ICT)	Information and Communication Technology (ICT)	Khulna University of Engineering and Technology	First Class 3.54	2021-Present
B.Sc. in Eng. (CSE)	Computer Science & Engineering	North Western University, Khulna	First Class 3.66	2020
HSC	Science	Govt. Sundarban Adarsha College, Khulna	First Class 4.20	2014
SSC	Science	St. Joseph High School, Khulna	First Class 5.00	2012

EXTRACURRICULAR ACTIVITIES

- Volunteer (ScienceFair2010-2011)
- Under13Under17CricketLeague
- Under10 Divisional Chess Competition

MOST PROUD OF

- Motivating people
- Technological Enthusiasm
- Personal growth
- Inspire people for science and technology

LANGUAGE PROFICIENCY

Language	Listening and Speaking	Writing
Bangla	Very Good	Excellent
English	Good	Excellent

REFERENCES

Md. Ashiq Mahmood
Assistant Professor
Institute of Information and Communication technology
Khulna University of Engineering & Technology
Email: ashiqmahmoodbipu@gmail.com

Md. Mahbub Hossain
Instructor
School of Public Health
Texas A&M University
Email: mahbub321@gmail.com

KEY SKILLS AND CHARACTERISTICS

- Strong leadership skills
- Communication Skills
- Teaching Skills
- Details oriented
- Can generate ideas that may help to solve problems
- Leadership

AREA OF EXPERTISE (SOFTWARE)

- Microsoft Office: Word, PowerPoint
- IBM SPSS
- Adobe Photoshop, Illustrator
- Openshot
- LibreOffice
- Latex
- Linux
- Weka
- RapidMiner Studio

PROFESSIONAL ENGINEERING SKILLS

- Individual education plan development and project-based learning experience for students
- Research and Analytical Skills

PROGRAMMING SKILLS

- C
- C++
- Python
- PHP
- HTML & CSS
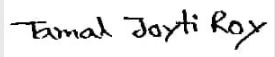- Tex
- SQL
- Java

…………….Adapt to learning

RESEARCH PUBLICATIONS (ALL OF THE ACCEPTED ARTICLES WERE PEER-REVIEWED)

Year	SN	Article Details	Type	Status
2021	1	Roy, Diti and Roy, **Tamal Joyti** and Mahmood, Md. Ashiq, An Efficient Approach to Identify Economic Crisis During Covid-19 Outbreaks Utilizing Data Mining (May 25, 2021). Proceedings of the International Conference on Smart Data Intelligence (ICSMDI 2021), Available at SSRN: https://ssrn.com/abstract=3852813 or http://dx.doi.org/10.2139/ssrn.3852813	Conference	Accepted
2021	2	Roy D., **Roy T.J.**, Mahmud I., Alvi N. (2022) An Efficient Approach to Predict Fear of Human's Mind During COVID-19 Outbreaks Utilizing Data Mining Technique.In: Khanna A., Gupta D., Bhattacharyya S., Hassanien A.E., Anand S., Jaiswal A. (eds) International Conference on Innovative Computing and Communications. Advances in Intelligent Systems and Computing, vol 1388. Springer, Singapore. https://doi.org/10.1007/978-981-16-2597-8_4	Conference	Accepted
2021	3	Saha, Nobonita; Mohanta, Aninda; Jyoti, Jannatun Tuba; **Joyti Roy**, **Tamal**; Roy, Diti (2021): The Relation Among Obesity and Sugar Consumption A Machine Learning Approach. TechRxiv. Preprint.https://doi.org/10.36227/techrxiv.15000447.v1	Conference	Under Review
2021	4	**Tamal Joyti Roy**, Md. Ashiq Mahmood and Diti Roy, " An Analytical Model for Prediction of Upcoming ICC T20 World Cup 2021 Using Classification Algorithms," International Conference on Science & Contemporary Technologies (ICSCT), pp. 1-6, 2021	Conference	Accepted
2021	5	An Efficient Approach to Assess the Soil Quality of Sundarbans Utilizing Hierarchical Clustering Roy, Diti and **Roy**, **Tamal Joyti** and Mahmood, Md. Ashiq International Conference on Big Data IoT and Machine Learning (BIM-2021)	Book Proceedings	Accepted
2022	6	Hossain, Md Mahbub et al. 2022. "Global Research on Syndemics: A Meta-Knowledge Analysis (2001-2020)." F1000Research 11: 253. https://f1000research.com/articles/11-253/v1 (March 10, 2022).	Journal	Accepted
2021	7	**Tamal Joyti Roy**, Md. Ashiq Mahmood and Diti Roy, "An Efficient Approach to Identify the Key Factors ofFailure of Bangladesh Cricket Team in Test Cricket Utilizing Hypothesis Testing and Clustering Method," 5th International Conference on Electrical Information and Communication Technology (EICT), 2021	Conference	Accepted

2021	8	**Tamal Joyti Roy**, Md. Ashiq Mahmood and Diti Roy, " A Machine Learning Model to Predict Earthquake Utilizing Neural Network," The International Conference on Computer, Communication, Chemical, Material and Electronic Engineering (IC4ME2-2021), 2021	Conference	Accepted
2021	9	Md. Ashiq Mahmood, **Tamal Joyti Roy**, Md Ashiqul Amin, Diti Roy, Aninda Mohanta and Fatama Fayez Dipty,"A Hybrid Approach to Find COVID-19 Related Lung Infection Utilizing 2 Bit Image Processing", International Conference on Innovative Computing and Communications. Advances in Intelligent Systems and Computing (ICICC 2022), 2022	Conference	Accepted
2021	10	**Tamal Joyti Roy**, Md. Ashiq Mahmood , Aninda Mohanta and Diti Roy, "An Analytical Approach to Predict the COVID-19 Death Rate in Bangladesh Utilizing Multiple Regression and SEIR Model", 2021 IEEE International Conference on Robotics, Automation, Artificial-Intelligence and Internet-of-Things (RAAICON).	Conference	Accepted
2021	11	Diti Roy, Md. Ashiq Mahmood and **Tamal Joyti Roy**, "A Two-Step Clustering Approach to Measure Soil Quality of Sundarban Based on Organic Carbon and Bulk Density", 2021 IEEE International Conference on Robotics, Automation, Artificial-Intelligence and Internet-of-Things (RAAICON).	Conference	Accepted
2021	12	**Tamal Joyti Roy**, Md. Ashiq Mahmood, "Global Warming and Bangladesh: A Machine Learning Approach to Analyze the Warming Rate Utilizing Neural Network", International Conference on 4th Industrial Revolution and Beyond (IC4IR) 2021At: Dhaka, Bangladesh	Conference	Accepted
2021	13	**Tamal Joyti Roy**, Md. Ashiq Mahmood, Jannatun Tuba Jyoti, Shovon Mitra and Aninda Mohanta, "An Efficient Approach for Analyzing COVID-19 Death and Recovery Ratio Using Hybrid Machine Learning Techniques",	Conference	Under Review
2022	14	**Tamal Joyti Roy**, Md. Ashiq Mahmood, Diti Roy and Aninda Mohanta , "An Efficient Approach to Validate COVID-19 Related Vaccine Myths Utilizing LDA Algorithm", 2nd International Conference on Computing Advancements	Conference	Accepted
2022	15	**Tamal Joyti Roy**, Md. Ashiq Mahmood, Aninda Mohanta ,Diti Roy, Jannatun Tuba Jyoti and Pran Krishna Ghosh, " A Machine Learning Approach to Analyze the Performance of Bangladesh Cricket in T20", 2022 International Conference on Innovations in Science, Engineering and Technology	Conference	Accepted

DECLARATION

I certify that the data contained here is appropriate and faithful according to my knowledge.

Tamal Joyti Roy

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