MAINAK SAHA

⚲ Jogendranagar, Agartala, Tripura (W), Pin: 799004, India
☎ +91-9089094682 @ mainak.skms@gmail.com
👑 27th December, 1997
in https://linkedin.com/in/mainak--saha

PROFILE

To associate with multi-dynamic institute, which may provide a platform to update my knowledge & skills in accordance with latest trends in teaching along with research that follows a tradition of anticipating & leading changes.

PERSONAL QUALITIES

- Highly motivated and eager to learn new technologies.
- Good Conceptual, Analytical, Interpersonal and Logical skills.
- Ability to understand problems, think critically and devise solutions.
- Good Listener and Quick Learner.
- Ability to work as an individual as well as in group environment.
- Expert in handling challenging situations.
- Flexible to accept change and get along with it.

PUBLICATION

- **Mainak Saha**, Sourav Dey Roy, Santanu Das and Mrinal Kanti Bhowmik, "**A Comprehensive Survey on Deep Fake Object Creation and Detection: Challenges, and Future Directions**", Accepted in International Conference on Advances in Computational Intelligence and its Applications (ICACIA-2023), K L University Hyderabad, Telangana, India, held on February 23-25, 2023.

ACADEMIC QUALIFICATIONS

Master of Technology (M. Tech)
Completed Master of Technology (M. Tech) in Computer Science and Engineering (CSE) from Tripura University (Central university), Suryamani Nagar, Agartala, Tripura with CGPA 9.02 in the year 2022.

Bachelor of Technology (B. Tech)
Completed Bachelor of Technology (B. Tech) in Computer Science and Engineering (CSE) from Godavari Institute of Engineering and Technology, Rajamahendravaram, Andhra Pradesh with CGPA 7.28 in the year 2020.

All India Senior School Certificate Examination (AISSCE)
Completed All India Senior School Certificate Examination (AISSCE) from Assam Rifles Public School, Agartala, Tripura with CGPA 6.31 in the year 2016.

All India Secondary School Examination (AISSE)
Completed All India Secondary School Examination (AISSE) from Sri Krishna Mission School, Agartala, Tripura with CGPA 8.4 in the year 2014.

WORK EXPERIENCE

Assistant Professor
K.J. Institute of Engineering & Technology
Savli, Vadodara, Gujrat, India
November, 2022 – Present
Teaching students on graduate-level courses, assisting with various departmental duties and providing academic support to Professors and other staff members, mentoring students, collaborating with other faculty members/staff members, attending faculty meetings and departmental meetings and providing suggestions for improvement, providing professors and department heads with feedback on student progress, addressing students' questions and queries.

TRAINING/INTERNSHIP

Airport Authority of India (AAI)
AAI, Agartala, Tripura from 17-12-2018 to 30-12-2018.

Bharat Sanchar Nigam Limited (BSNL)
BSNL, Agartala, Tripura from 31-12-2018 to 12-01-2019.

North Eastern Electric Power Corporation Limited (NEEPCO)
NEEPCO, Laxmipur, Tripura from 13-05-2019 to 28-05-2019.

National Informatics Centre (NIC)
NIC, Agartala, Tripura from 29-05-2019 to 15-06-2019.

LANGUAGES

- English
- Hindi
- Bengali (mother tongue)
- Telugu

AREA OF INTEREST

- Image Processing
- Pattern Recognition
- Machine Learning
- Deep Learning
- Computer Vision
- Artificial Intelligence
- Design & Analysis of Algorithm
- Web Development
- Database Management System

KEY SKILLS

- Research
- Teaching
- Seminars
- Training
- Review Articles

SOFT SKILLS

- Professionalism
- Learning Potential
- Flexibility
- Team Work
- Organization
- Work Under Pressure
- Responsibility
- Multitasking

HOBBIES & INTERESTS

- Reading Books
- Photography
- Web Designing
- Listening to music
- Gaming
- Internet Surfing
- Traveling
- Sports

TECHNICAL SKILLS

- **Operating Systems**: Windows XP, 7, 8, 8.1, 10,11 and UBUNTU
- **Languages**: C, C++, Core Java, Python
- **Web/Component Technologies**: HTML, CSS, JavaScript
- **Databases**: Oracle SQL, MySQL
- **IDEs (Integrated Development Environment):** Code::Blocks, Eclipse, Microsoft Visual Studio, Spyder, Jupyter notebook
- **Text Editors:** Notepad++, Sublime Text, Visual Studio Code
- **Typography:** LaTeX, Overleaf, Beamer, Microsoft Office
- **CMS (Content Management System):** WordPress

CERTIFICATION

- Winter School on **Deep Learning**: From Perceptrons to Transformers, organized by Indian Statistical Institute (ISI), Kolkata from 21st January to 12th March, 2022.
- **C** Programming course at https://www.sololearn.com
- **Python Core** course at https://www.sololearn.com
- **HTML** Fundamentals course at https://www.sololearn.com
- **SQL** Fundamentals course at https://www.sololearn.com

WORKSHOP

- Workshop on "**Interpreting Machine Learning Model for Image Understanding**", Organized by Department of Computer Science and Engineering, Tripura University (A Central University), Suryamani Nagar, Agartala, Tripura on 9th July, 2022.
- Workshop on "**Unsupervised Learning**", Organized by Department of Computer Science and Engineering, Tripura University (A Central University), Suryamani Nagar, Agartala, Tripura from 26th to 27th March, 2022.

PROJECT

- Deep Fake Object Generation using Classifier Posterior Generative Adversarial Network (CP-GAN)
- Detection of Malaria Using Machine Learning

DECLARATION

I do hereby declare that all the above information given by me are true to the best of my knowledge and belief.

Place: Agartala   Mainak Saha

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