

ATANU MANDAL



@ atanumandal0491@gmail.com @ atanum.cse.rs@jadavpuruniversity.in
(+91) 90628 66035 (+91) 97481 12274
64, Doltala Housing Society, Bidhanpally Main Road. Madhyamgram. Kolkata - 700132
West Bengal, India

EDUCATION

Doctor of Philosophy (PhD)
Department of Computer Science & Engineering,
Jadavpur University
2022 - ongoing pursuing

Master of Technology in Computer Technology
Department of Computer Science & Engineering,
Jadavpur University
2015 - 2020 CGPA : 7.55

Bachelor of Technology in Information Technology
Department of Information Technology,
Bankura Unnayani Institute of Engineering
West Bengal University of Technology
2009 - 2013 DGPA : 6.86

All India Senior School Certification Examination
Kendriya Vidyalaya Ordnance Factory, Dum Dum
Central Board of Secondary Education
2009 Percentage: 59.6%

All India Secondary School Examination
Kendriya Vidyalaya Ordnance Factory, Dum Dum
Central Board of Secondary Education
2007 Percentage: 74.4%

FELLOWSHIP

Senior Research Assistant (Technical)
Ministry of Electronics and Information Technology (MeitY)
Aug 2022 - ongoing West Bengal, India

Junior Research Fellow
State Govt. Departmental Fellowship Scheme
April 2022 - Aug 2022 West Bengal, India

Project Assistant
Rashtriya Uchchar Shiksha Abhiyan 2.0
Jul 2019 - Mar 2020 West Bengal, India

EXPERIENCE

Assistant Master (under Deputation
Vacancy)
Barasat P.C.S Govt. High School
2017 - 2018 West Bengal, India

Faculty
Indus Institute of Information Management
2014 - 2015 West Bengal, India

PROJECTS

Video Summarization
(Master's thesis work)

- What human see is what human says. But train a machine to identify the events from a video scenes is challenging. Using Deep Learning architecture (LSTM) we were able to train a machine to identify the most useful to less useful events of a scene.

Application of cryptography through
detection of human face
(Bachelor's thesis work)

- Security of data with maintaining privacy is the main aspect of the society. Our project entitled was the target to transfer confidential data embedded inside an image from a source person to destination person which gets encrypts & decrypts only through the detection of human face.

SKILLS

C Python

Machine Learning Deep Learning

Natural Language Processing

HTML Content Management System

Learning Management System

LANGUAGES

English
Hindi
Bengali

PUBLICATIONS

Conference Proceedings

- Garain, A., Mandal, A., & Naskar, S. K. (2021). JUNLP@Dravidian LangTech-EACL2021: Offensive language identification in Dravidian languages. In *Proceedings of the first workshop on speech and language technologies for dravidian languages* (pp. 319–322). Kyiv: Association for Computational Linguistics. Retrieved from <https://aclanthology.org/2021.dravidianlangtech-1.46>
- Mandal, A., Sinaeepourfard, A., & Naskar, S. K. (2021). Vda: Deep learning based visual data analysis in integrated edge to cloud computing environment. In *Adjunct proceedings of the 2021 international conference on distributed computing and networking* (pp. 7–12). doi:10.1145/3427477.3429781
- Mandal, A., Bose, S., & Mukherjee, N. (2017). Impact of mobility on community sensing with environment sensors. In *2017 13th international conference on signal-image technology & internet-based systems (sitis)* (pp. 396–401). doi:10.1109/SITIS.2017.71

REFEREES

Dr. Sudip Kumar Naskar

@ sudip.naskar@gmail.com

✉ Dept. of Comp. Science & Engineering
Jadavpur University, Kolkata - 700032, India

Prof. (Dr.) Nandini Mukherjee

@ nmukherjee.cse@gmail.com

✉ Dept. of Comp. Science & Engineering
Jadavpur University, Kolkata - 700032, India