Mahendra Nandi

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Address: Berhampore, Murshidabad, West Bengal, India

Master's student actively looking for research projects in the field of Optimization, NLP, Machine Learning and deep Learning and aiming to leverage my technical skills and experience.

EDUCATION

- **Pursuing M.Sc in Big Data Analytics:**
  Ramkrishna Mission Vivekananda Educational and Research Institute
  Deemed-to-be-University as declared by Govt. of India under Section 3 of UGC Act, 1956, Formerly Ramkrishna Mission Vivekananda University,Accredited by NAAC with A++ Grade

- **B.Sc Physics, Percentage: 74.4 %**
  Krishnath College
  University of Kalyani
  Year of Passing: 2019

- **Higher Secondary (12^{th}), Percentage: 91.2%**
  Sargachi Ramakrishna Mission High School(H.S.)
  West Bengal Council of Higher Secondary Education
  Year of passing: 2016

- **Secondary (10^{th}), Percentage: 91.43%**
  Sargachi Ramakrishna Mission High School(H.S.)
  West Bengal Board of Secondary Education
  Year of passing: 2014

SKILLS

- **Programming Languages**
  Python, R, SQL
- **Libraries Known & worked with**
  Python (pandas, numpy, matplotlib, seaborn, opencv, scikit-learn, pytorch, keras) ,
  R(dplyr, tidyverse, ggplot2)
- **Familiarity with technologies**
  Hadoop (Map Reduce), PySpark, Big Data Technologies, NoSQL, NoSQL databases, Data Management, MS SQL Server, mySQL, Cvat, Linux Operating System, Report preparation and presentation in Latex, Word, Excel, Power Point

PROJECTS

- **Working on: (Intern at IACS, Jadavpur, WB)**
  CitationIE: Leveraging the Citation Graph for Scientific Information Extraction:
  Augmenting the text representations by leveraging a complementary source of document context, i.e, the citation graph of referential links between citing and cited papers because the content of an individual paper and structure and content of the citation graph can each lead to significant gains in different scientific information extraction tasks [July'21-present]

- **Automatic Image Captioning using Deep Learning**
  Used ResNet50 model for feature extraction of images through transfer learning and LSTM model for text generation from it [April'21-June'21]

- **Computer vision projects**
  Course projects[(1) Image Filtering and Hybrid Images (2) Harrris Corner Detection and Matching (3) Camera Calibration and Fundamental Matrix Estimation with RANSAC etc] [March'21-May'21]

- **Exploratory Data Analysis on**
  Goodreads-books (comprehensive list of books listed in goodreads)
  Red Wine Quality (Simple and clean practice dataset for regression or classification modelling) [Dec'2020-Feb'2021]

HOBBIES & INTERESTS

English	Bengali	Hindi
Read, Speak, Write	*Read, Speak, Write*	*Read, Speak*

INTERESTS

NLP, ML, DL, CV, Optimization Algorithm