Sourjya Chatterjee

Data Science Enthusiast

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A quick-learner with good analytical and problem solving skills, looking forward to work in Data Science and Data Analytics roles.

EDUCATION

M.Sc in Big Data Analytics
Ramakrishna Mission Vivekananda Educational and Research Institute
2020 - Present

Courses
- Machine Learning
- Computer Vision
- Probability Theory
- Optimization for Machine Learning
- Statistics
- Natural Language Processing
- Linear Algebra
- Data Structures and Algorithms

B.Sc (Hons.) in Computer Science
Ramakrishna Mission Residential College (Autonomous)
2017 - 2020 *CGPA- 7.98*

Higher Secondary, WBCHSE
Bansberia High School
2017 *Secured 81.4%*

Secondary, WBBSE
Bansberia High School
2015 *Secured 85.3%*

EXPERIENCE

Summer Project Intern
Ramakrishna Mission Vivekananda Educational and Research Institute
08/2021 - Present
Under the supervision of Br. Tamal, Department of Computer Science, RKMVERI Belur

Tasks
- **Logo Synthesis and Manipulation with GAN (** Create a new type of Logo and manipulate the design with the help of Generative Adversarial Network **)**

Event Manager
Envision
01/2019 - 03/2019
Departmental Event of Computer Science Department, RKMRC Narendrapur

Tasks
- Manage Coding Event
- Manage Photography Event
- Create Problem Set for Coding Competition

SKILLS

Python | Pandas | Numpy | Matplotlib | scikit-learn | Pytorch | OpenCV | R | SQL | PySpark | Neo4j | C | Excel | PowerPoint | LaTeX

PERSONAL PROJECTS

End to End Cell Counting Architecture from Microscopic Image analysis with CNN (04/2021 - 07/2021)
- https://github.com/SourjyaChatterjee/MLviSiOn/tree/ML_sem_project

Factor Analysis on Helsinki 2005 Olympics Running Event(Men) Data in R (04/2021 - 05/2021)
- Analyse the number of possible factors in the data.

Visualization and Exploratory Analysis of Heart Disease UCI data in R (10/2020 - 11/2020)
- Visualize the Data and Exploratory Analysis of the major causes of heart disease

Computer Vision Mini Projects (03/2021 - 06/2021)
- Hybrid Images
- Harris Corner Detection and SIFT descriptor
- Camera Calibration and Fundamental Matrix

LANGUAGES

English
Full Professional Proficiency

Bengali
Native or Bilingual Proficiency

Hindi
Full Professional Proficiency

INTERESTS

Computer Vision | Natural Language Processing | Deep Learning | Machine Learning | Exploratory Data Analysis