Srinjoy Mukherjee

IISC Mail: srinjoym@iisc.ac.in,
Gmail:srinjoym98@gmail.com | Mobile Number: 7355142558

EDUCATION

INDIAN INSTITUTE OF SCIENCE
Mtech in Computer Science and Engineering
Ongoing (Completed First Semester)
Cum. GPA: 8.2 / 10.0

JADAVPUR UNIVERSITY
BE in Computer Science and Engineering
May 2020 | Kolkata, West Bengal
Graduated with First Class with Honours
Cum. GPA: 8.22 / 10.0

SUNBEAM SCHOOL BHAGWAN-PUR
Senior School Certification Examination (CBSE)
Grad. May 2016| Varanasi, UP
Percentage: 94.2 %
Secondary School Examination (CBSE)
March 2014| Varanasi, UP
Cum. GPA: 10.0 / 10.0

LINKS

Github:// **Acejoy**
LinkedIn:// **Srinjoy Mukherjee**

COURSEWORK

GRADUATE
Applied Linear Algebra and Optimisation
Probability and Statistics
Computer Architecture
Machine Learning(Ongoing)
Operating Systems(Ongoing)
UNDERGRADUATE
Data Structures and Algorithms
Image Processing

SKILLS

Languages and Libraries
Java - Basic• Python - Proficient
C - Proficient• C++ - Proficient
OpenCV - Proficient• Numpy - Basic
Scipy - Basic• Pytorch - Basic
MySql - Basic

EXPERIENCE

DEPT OF CSE, IIT BHU | Summer School Intern
May 2019 - June 2019 | Varanasi, UP
- Worked on Image Processing Techniques like Edge Detection and Feature Calculation
  like HOG, LBP etc., and used libraries like OpenCV, Numpy and Scikit-learn
- Worked on Machine Learning models to detect people, specifically SVM
- Learnt about Anomaly Detection and used it on a database.

CRIO.DO | Crio Student Developer Program Participant
Jan 2020 – Apr 2020 | Online

- Selected out of an online Coding Contest on HackeRank.
- Worked on the backend of Vsftpd file transfer client. Used Linux Commands, OS, and Networking concepts
- Learnt about Java Spring, Gradle, and Rest API and used it to find,d information about stocks in real-time and show it in the stock analyzer

PROJECTS

NEURAL STYLE TRANSFER | Using Deep Learning to create an Image with certain texture
- Implemented Gatys Paper
- Trained the CNN to tweak the Output Image to have the texture of the given Style Image
- The CNN architecture used is VGG.
- Technologies used: Python, Pytorch
- Github Link: Neural-Style-Transfer

HAND GESTURE RECOGNITION | Using Image Thresholding and Convex Hull
- Created an application to identify Hand Gestures
- Added Functionality to identify gestures in Video, Real-time, and Images.
- Uses Convex Hull to identify gestures.
- Technologies used are OpenCV, Python, Numpy
- Github Link: Hand-Gesture-using-OpenCV

EXTRA COURSES

SQL FOR DATA SCIENCE
Online Course
MOOC, University of California, Davis on Coursera

MACHINE LEARNING FOR ENGINEERING AND SCIENCE APPLICATIONS
Online Course
MOOC, NPTEL

DISCRETE MATHEMATICS
Online Course
MOOC, NPTEL