# AYAN BANERJEE

Student

Extremely motivated to explore the unknown world.

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## SKILLS

R programming

Python    Numpy

Matplotlib    Pandas

Keras    MATLAB

Java    C++

## LANGUAGES

**English**
*Full Professional Proficiency*

**Bengali**
*Native or Bilingual Proficiency*

**Hindi**
*Professional Working Proficiency*

## INTERESTS

Bioinformatics

Machine Learning

Deep Learning

Mathematics

## EDUCATION

### Study Program
Jalpaiguri Government Engineering College

*08/2017 – Present*                              *SGPA-9.11*

*Courses*
- B.TECH in Computer Science & Engineering

### Study Program
New Alipore Multipurpose School

*06/2015 – 03/2017*                              *Percentage-92.4%*

*Courses*
- Higher Secondary Education

## PROJECTS

Discovering Perturbation of Modular Structure in Tumor Progression by Integrating Multiple Data Sources Through Link Matrix Factorization
- I have prepared protein-protein interaction data and gene ontology dataset from gene expression data and perform link matrix factorization to integrate this dataset and analysis to show the change of coregulation pattern of identified transcription factors over the tumor progression stages.

Local Binary Patterns and Extreme Machine Learning for Hypherspectral Imagery Classification
- employs local binary patterns (LBPs) to extract local image features, such as edges, corners, and spots,learn global gabor features,original spectral features,feature-level fusion and decision-level fusion etc during this project.

## COURSES

### DATA SCIENCE SPECALIZATION
John Hopkins University
*COURSERA*

### DATA ANALYSIS WITH R
DATAQUEST

## CERTIFICATES

Programming,Data Structure & Algorithm using Python
*NPTEL*

DATA SCIENTIST TOOLBOX
*COURSERA*

R PROGRAMMING
*COURSERA*

## ACHIEVEMENTS

Acheive Gold Badges in Hackerrank 30 days of code
*www.hackerrank.com/ayanbabusona*