
Arindam Majee

A UG Student and Research Enthusiast

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OBJECTIVE

Undergraduate student (currently 2nd year) at Jadavpur University in Electronics and Tele-Communication Engineering Department.

Interests : Signal & Image Processing, Compressed Sensing, Artificial Intelligence, Astrophysics, Quantum Information Processing, Quantum Signal Processing.

EXPERIENCE

Research Intern ,Jadavpur University, Kolkata

May 2020 - PRESENT

Currently I am working as a UG research intern under Dr. Ram Sarkar , Jadavpur University. Our current research is on Detecting Parkinson's Disease using Artificial Intelligence.

Research Intern , Adamas University, Kolkata

March 2020 - PRESENT

Currently I am working as a UG research intern under Dr. Amitava Mukherjee , Adamas University. Our current research is on Detecting Brain Cancer using Deep Learning.

Content Writer, IEEE Jadavpur University Student Branch

August 2020 - PRESENT

Jadavpur University Student Branch, is under IEEE Kolkata Section and it is the oldest student branch of India.

Member, Jadavpur University Science Club

June 2020- PRESENT

This is the official science club of Jadavpur University which mainly focuses on fundamental research and various technical domains. Currently I am a member of technical and event management team.

EDUCATION

Bachelor's Of Engineering In Electronics And Tele-Communication

Jadavpur University, Kolkata, India , PIN- 700032

2019-PRESENT (Completion expected by 2023).

Higher Secondary

Talajuri Srimati High School, Talajuri, Purulia, West Bengal, PIN- 723121

2017-2019,

Stream- Science (Bengali English, Physics, Mathematics, Chemistry, Biology)

Percentage: 92.6% (WBCHSE Board)

Secondary

Metyal Sahar High School, Metyal Sahar, Purulia, West Bengal, PIN- 723121

2012-2017,

Percentage: 87..3% (WBBSE Board)

PROJECTS

- **Covid 19 Detection from Chest CT scan using CNN**

I have used Harvard University Dataset and CNN to detect Covid 19 from chest CT scan. To read more about this [click here](#).

SKILLS

- **Operating System:** Windows , Ubuntu, Mx Linux.
- **Programming Languages:** C, C++, Python, MATLAB, HTML5, CSS3, JavaScript.
- **Tools & Libraries:** Numpy, Pandas, Scikit-Learn, OpenCV, Tensorflow, Keras, Matplotlib, Qiskit, etc.
- MS Office(Word, Excel, Powerpoint), LaTeX.
- Artificial Intelligence, Data Structures and Algorithms.

CERTIFICATES

- **Deep Learning Specialization** by deeplearning.ai on Coursera. [view](#)
- **DeepLearning.AI TensorFlow Developer Specialization** by deeplearning.ai on Coursera [view](#)
- **Introduction to MATLAB** by Vanderbilt University on Coursera. [view](#)
- **Image and Video Processing: From Mars to Hollywood with a Stop at the Hospital** by Duke University on Coursera [view](#)
- **Excel Essential** on Coursera [view](#)

AWARDS

- 2014 National Means Cum Merit scholarship.
- 2017 JBNSTS Junior Research Scholarship.
- 2019 JBNSTS Senior Research Scholarship.

COURSEWORK

- **Departmental Coursework:**
 1. Basic Electronics
 2. Basic Electrical Engineering
- **Independent Coursework:**
 1. Quantum Mechanics & Computing
 2. Digital Image Processing
 3. Compressed Sensing/ Compressed Sampling.

MEMBERSHIPS

- **IEEE JU Student Branch**

August 2020 - PRESENT
- **Jadavpur University Science Club (JUSC)**

This is a official club of Jadavpur University
June 2020- PRESENT
- **IEEE Student Member**

November 2020 - PRESENT

EXTRA-CURRICULAR ACTIVITIES

- **Active member at QYSN:** QYSN (Quarantined Youth Student Network) is an initiative taken by students of the Faculty of Engineering and Technology, Jadavpur University to help the needy poor people and teach poor backward students.
April 2020 - PRESENT