

Sawan Aich

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

MSc in Big Data Analytics Ramakrishna Mission Vivekananda Educational and Research Institute

2020 - Present

Courses

 Data Structures and Algorithms

 Optimization for Machine Learning

Basic Statistics

Machine Learning

 Time Series Analysis and Forecasting Linear Algebra

 Probability and Stochastic Processes

- Multivariate Statistics

Computer Vision

 Optimization Algorithms

BSc (Honours) in Computer Science

St. Xavier's College, Kolkata (Autonomous)

2017 - 2020

Percentage - 77

Percentage - 93

ISC

K E Carmel School, Amtala

2015 - 2017

Stream

Science

ICSE

K E Carmel School, Amtala

2015

Percentage - 96

INTERNSHIPS

Corporate Ambassador

IFortis Corporate (Jun, 21' - Jul, 21')

Tasks

 Day-to-day tasks included promoting the company at various social media platforms as well as look out for other interested candidates to join the company.

Subject Matter Expert (Mathematics)

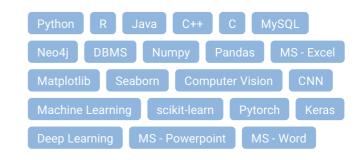
Quizzy Edtech Services Private Limited (Jul, 21' - Sep, 21')

07/2020 - 09/2020

Tasks

 Day-to-day tasks included solving mathematical questions by hand and uploading them in the company portal.

SKILLS



PERSONAL PROJECTS

A Novel Gene Embedding Model for Single Cell Transcriptome Analysis (July, 21' - Present)

 This project includes analysis of developmental single cell transcriptome data.

Time Series Analysis of SO2 Emission in India and its relation with state-wise GDP (Oct, 21' - Nov, 21')

 This project deals with the state-wise SO2 emission data over a span of 15 years and analyses them. It also checks on how SO2 emission is affecting the Indian economy and vice-versa.

A Comparative Analysis of different Optimizers on Vehicle Classification (Aug, 21' - Oct, 21')

- This project compares the efficiency of four different deep learning optimizers based on their performance on classifying vehicles.
- https://github.com/Sawan278/Vehicle-Classification

Easy Visual Question Answering and its Implementation using Flask API (Mar, 21' - Jul, 21')

- This project is a lighter version of the original VQA project, and can answer questions related to geometric shapes.
- https://github.com/Sawan278/Easy-VQA

Formation of Hybrid Images (Feb, 21')

 Hybrid images are formed by combining two images, one with dominant higher frequencies and one with dominant lower frequencies.

Gender Recognition through Voice using Python (Aug,19' - Apr, 20')

 A voice is given as an input and the model could predict its gender (Gender Classification) using Machine Learning.

LANGUAGES

