



EDUCATION

Year	Degree/Exam	Institute	CGPA/Marks
2021	M.SC(5YR)	IIT Kharagpur	8.36 / 10
2016	All India Senior School Certificate Examination	RPS PUBLIC SCHOOL	88.2%
2014	All India Secondary School Examination	PRESTINE CHILDREN HIGH SCHOOL	9.8 / 10

INTERSHIPS

Machine Learning Internship at adagrad.ai | May, 19 - Jul, 19

- Developed fully-functional architecture for detecting and extracting all the key entities from any given invoice
- Trained and deployed Objection Detection using faster-RCNN architecture and Named Entity Recognition model for the task
- Coordinated with the software team in building Web API for the invoice entity extraction

PROJECTS

Fuzzy Based Mental Health Analyzer | Jan, 18 - Mar, 18

Prof. Sudhir kumar Barai, Dept. of Civil Engineering, IIT Kharagpur

- Developed a fuzzy logic-based model to analyze the mental health of a person and came up with features of the model
- Build a web application to show the current health status of a person and give consequent suggestions
- Used ExtraSensory app to track health attributes of a person autonomously and through self reporting

COMPETITION/CONFERENCE

Netapp Data Challenge | Kshitij 2019, IIT Kharagpur

- Worked on the problem of News Classification analyzing news headline and article content of the data
- Developed a deep neural architecture using Bidirectional Long short-term memory with the Attention mechanism
- Developed the architecture in Python with Tensorflow having the accuracy of about 80% on unseen data

Flipkart Machine Learning Challenge | 2019

- Worked on the problem of Object Localization with the challenge of identifying the object within an image
- Developed and trained localization model using faster-RCNN architecture for the problem using Tensorflow

Microsoft Codefundo++ | 2018

- Developed an application to identify and generate representations of disaster-affected regions for relief management
- The representations are generated based on data processed and analysed from the disaster-affected regions

COURSEWORK INFORMATION

Completed Courses:

Programming And Data Structure | Design And Analysis Of Algorithms | Partial Differential Equations | Discrete Mathematics | Probability And Statistics | Soft-Computing Tools In Engineering | Object Oriented Systems Design | Computer Organization And Architecture | Linear Algebra | Real Analysis | Scalable Data Mining | Operation Research | Switching And Finite Automata | Modern Algebra | Deep Learning

Ongoing Courses:

Regression And Time Series Model | Cryptography And Network Security | Systems Programming | Functional Analysis

SKILLS AND EXPERTISE

Programming Languages: C, C++, Python, Java, Scala

Data Science: Tensorflow, Pandas, Numpy, Scikit-Learn

Software Technologies: Linux, Android App Development, Apache Hadoop, Apache Spark

CERTIFICATIONS

Convolutional Neural Networks by deeplearning.ai

- Learned about Convolutional Neural Networks and it's applications in Object detection and Face recognition
- Worked on the project of art generation using deep CNN model of Neural Style Transfer

AWARDS AND ACHIEVEMENTS

- Recipient of Innovation in Science Pursuit for Inspired Research Scholarship provided by the Government of India

EXTRA CURRICULAR ACTIVITIES

- Was a part of the silver winning team of Illumination 2016 of Azad Hall of Residence
- Was a part of the Sponsorship and Publicity team of Khoj 2017 organised by Azad Hall of Residence
- Participated in various health awareness programs organized by the National Sports Organization(Health and Fitness)
- Attended Disaster-Management Training by Sri Sathya Sai Seva Organization and learned basic rescue techniques