

DEBAYAN DAS

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OBJECTIVE

To work with maximum potential in a challenging and dynamic environment, with an opportunity of working with diverse group of people and enhancing my professional skills with learning and experience for career growth. Interested in artificial intelligence and have some good projects on machine learning. Also, being addicted to competitive programming have been active on hacker-rank, code-chef, hacker-earth and other competitive coding platforms.

SKILLS

Programming Languages: C, Java, Python, C#, PHP, JSP, R, Javascript, Visual Basic
Tools: MS Word, MS Excel, Eclipse, IntelliJ, Visual Studio
Database: Oracle, MySql, Pl/Sql
Operating System: Windows, Linux
Computer Vision Libraries (Python): OpenCV, Scipy
Deep Learning Frameworks (Python): Tensorflow, Keras (Tensorflow backend)

EDUCATION

RAMAKRISHNA MISSION VIVEKANANDA VIDYAMANDIR, MALDA.
Secondary – 10th class | 2008 - 2014
West Bengal Board of Secondary Education
Marks – 92.00%

RAMAKRISHNA MISSION VIVEKANANDA VIDYAMANDIR, MALDA.
Higher Secondary – 12th class | 2014 - 2016
West Bengal Council for Higher Secondary Education
Marks – 84.20%

RAMAKRISHNA MISSION RESIDENTIAL COLLEGE (AUTONOMOUS), NARENDRAPUR.
2016 - 2019
Bachelor of Science | Computer Science
Marks – 8.03/10

VELLORE INSTITUTE OF TECHNOLOGY, VELLORE.
2019 - 2021
Masters in Computer Application

CERTIFICATION

NPTEL
2018

INTRODUCTION TYO CRYPTOLOGY

Completed the of course on cryptography under Dr. Sourav Gangopadhyay, IIT Kharagpur.

PROJECTS

A Machine Learning Approach to Predict the Location of Crime Using Date, Time and Class of the Crime

- This was our final year project for my Bachelors study, implementing the Multiple Linear Regression and Support Vector Regression to predict the crime hotspot based on the various features with an accuracy of 98%.

A Machine Learning Approach to Analyze the Statistics of Football Players

- In this project I tried to predict which players should be sold and which ones should be retained by the team at the end of every season based on their performance and other factors with SVM and KNN classifiers with approximately 80% accuracy

Cat Dog Classification using Tensor-flow

- Implemented a simple CNN architecture, using Tensorflow, to classify an image as it is the image of a cat or dog. It achieved an accuracy of over 84%% after 25 epochs. Implemented while following the online courses to understand the concept deeply.

Sign Language Detection and Convert to Text Using CNN and OpenCV

- This ongoing project was implemented to identify American sign language images using CNN and after detecting the alphabet convert it to text for future purpose. Also to build a real time interface for using the model in real life applications using OpenCV and other front end designing techniques.

Predictive Analysis on Road Accident Risks Based on Heterogeneous Sparse Data

- The intention of this ongoing project is to analyze this accidental data-set to identify the accident hot spot areas and take appropriate measures to decrease the rate of the accident and identify the situations in which the accident happens and take precautions to prevent the accident.

Performing Load Balancing in Virtual Machine in Simulated Cloud Environments.

- This ongoing project aims to have in depth discussion about the various load balancing algorithms in distributed cloud system and analysis of which algorithm gives the best outcome.

Online School Management System

- This ongoing project is an online application of school management system using basic HTML, CSS and JS in the front end with MySQL in the back end for Database Activities and PHP for server side programmes.

ACTIVITIES

- Envision: Department fest (Narendrapur Ramakrishna Mission Residential College) January 5, 2018

A college tech event with coding competition, photography competition, a seminar on neural network. Over 30 colleges participated and that year is the inaugural year of the event.

- Envision: Department fest (Narendrapur Ramakrishna Mission Residential College) March 16, 2019

A college tech event with coding competition, photography competition, a seminar on neural network. Over 30 colleges participated and that year is the inaugural year of the event.

PUBLICATION

- [A Machine Learning Approach to Analyze the Statistics of Football Players](#) (IJSREM Journal, Volume: 03 Issue: 12 | DEC - 2019)

HOBBIES

- Watching Technical Videos and Reading Tech Articles and Blogs
- Programming
- Cricket

LANGUAGES KNOWN

- Bengali
- English
- Hindi
- french