DEBAYAN DAS

Student of Masters of Computer Application at Vellore Institute of Technology (Vellore)

Phone: 9635167217, 7407436998
Email: debayan.das2019@vitstudent.ac.in
LinkedIn Profile: https://www.linkedin.com/in/debayan-das-b7a372151/
GitHub Profile: https://github.com/imdasrj98
Coding Profile: https://www.hackerrank.com/dasriju98

Adress
West Hyderpur, Malda – 732101
West Bengal

CAREER 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#, R,**
- Web Designing: **PHP, JSP, JavaScript**
- Tools: **MS Word, MS Excel, Eclipse, IntelliJ, Visual Studio**
- Database: **Oracle, MySQL, MongoDB**
- Operating System: **Windows, Linux**
- Computer Vision Libraries (Python): **OpenCV, SciPy**
- Machine Learning Frameworks (Python): **scikit-learn**
- Deep Learning Frameworks (Python): **TensorFlow, Keras (TensorFlow backend)**

Education

- Secondary – 10th Class (2008 - 2014)
  92.00% - Ramakrishna Mission Vivekananda Vidyamandir, Malda (WBBSE)
- Higher Secondary – 12th Class (2014 - 2016)
  84.20% - Ramakrishna Mission Vivekananda Vidyamandir, Malda (WBCHSE)
- BSC, Computer Science (Hons) – Graduation (2016 - 2019)
  CGPA: **8.03** – Ramakrishna Mission Residential College, Narendrapur (University of Calcutta)
- Masters of Computer Application (2019 - Present)
  Current CGPA: **9.12** – Vellore Institute of Technology, Vellore

Certifications

- **Introduction to Cryptology** (NPTEL), 2017
- **AI From the Data Center to the Edge – An Optimized Path Using Intel® Architecture** (Intel Corporation), 2020
- **MongoDB Basics** (MongoDB University), 2020
- **Google Cloud Platform Big Data and Machine Learning Fundamentals** (Coursera), 2020
- **Machine Learning with Python** (Cognitive Class by IBM), 2020
- **Front-End Web UI Frameworks and Tools: Bootstrap 4** (Coursera), 2020
- **Front-End Web Development with React** (Coursera), 2020

Projects

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

  https://github.com/imdasrj98/A-Machine-Learning-Approcah-to-Analyze-the-statistics-of-Football-Players
- **Sign Language Detection and Conversion to Text using CNN and OpenCV**
  This project was implemented to identify American sign language images using CNN and after detecting the alphabet convert it to text for future purpose using OpenCV.
  https://github.com/imdasrj98/Sign-Language-Detection-and-Conversion-to-Text-Using-CNN-and-OpenCV

- **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 identify the situations in which the accident happens and take precautions to prevent the accident.
  https://github.com/imdasrj98/Predictive-Analysis-on-Road-Accident-Risks-Based-on-Heterogeneous-Sparse-Data

Publication

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

Activities

- Organized **Envision**, Annual Departmental Fest, Computer Science Department, Ramakrishna Mission Residential College, Narendrapur (2017 and 2018)
- Participated in Various **Hackathons**

Hobbies

- Watching Technical Videos and reading Technical Articles and Blogs.
- Programming
- Cricket